CAMPANALOGIA

IMPROVED:

OR,

The Art of RINGING made Easie:

by Plain and Methodical Rules and Directions, whereby the Ingenious Practitioner may with a little Practice and Care, attain to the Knowledge of Ringing all manner of *Double*, *Tripple*, and *Quadruple Changes*. With Variety of New *Peals* upon 5, 6, 7, 8, and 9 *Bells*: As also, The Method of Calling *Bobs* for any *Peal* of *Triples*, from 168, to 2520, (being the *Half Peal*:) Also for any *Peal* of *Quadruples* or *Cators*, from 324, to 1140. Never before Published.

The Second Edition Corrected.

LONDON,

Printed for *G. S.* and Sold by *Henry Green*, at the *Sun* and *Bible* on *London-Bridge*, 1705.

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The Fourth Edition Corrected.

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Printed for C. S. and Sold by *Henry Green*, at the *Saw and Little* on *London Bridge*, 1705.

THE EPISTLE DEDICATORY. TO

Our Honour'd and much Esteem'd Friends, the Society of *London-Scholars.*

Gentlemen,

IT being a thing much observ'd, and (as it were) made a general Rule by writers, to shelter their works under the wings or Protection, of

ſome ingenious Perſon whoſe knowledge is not only commonly eſteem'd, but likewiſe experimentally known to be univerſal in the matter they treat of; we cannot but think our ſelves abſolutely oblig'd to have you in the front of this ſmall treatiſe, not only becauſe your knowledge in this Art, (from whence we have gain'd what our mean Capacities wou'd receive in the knowledge and expe-

rience

rience of the ſame) toge-
ther with your natural
reaſons, is a ſufficient guard
to defend it from the aſ-
faults of ignorant and par-
tial Perſons, and may
prove a means to diſprove,
or confute the malicious
ſentiments of Extrajudici-
ous and Illiterate Readers;
but alſo in regard 'tis the
only way we can produce
to let the World know
the Happineſs and Plea-
ſure we enjoy in the fra-
ternity of ſuch ingenious

Perſons, we mean your ſelves.

And now here it wou'd be proper to particularize to the World, wherein the ſaid Happineſs and Pleaſure conſiſt; but we are afraid we ſhall be cenſur'd and thought (though without a cauſe) guilty of flattery and ſelf praiſe; nevertheleſs to ſpeak in general terms, 'tis your unanimity, ſobriety and ingenuity (together with the ſtrict obſervance

vance and performance of the civil Orders and conſtitutions whereby, our ſociety is incorporated) which has been the cauſe of its being rendred meritorious and deſerving of fame.

We are very well ſatisfied and aſſur'd that none of you are ignorant of the many ſcandalous and malicious aſperſions that have been caſt upon this Art; more than a man without a great deal of deliberation

deliberation is apprehenſive of, and more than it has in reaſon deſerv'd; for which reaſon it ought to be defended and guarded, by ſuch who have a perfect and entire knowledge in the ſame, and will deal with impartiality therein, and for ſuch an undertaking none are eſteem'd or thought more fit than your ſelves, by

Gentlemen,

Your moſt Affectionate Friends and Humble Servants.

J. D. C. M.

THE PREFACE TO THE READER.

MUltum in Parvo, *is a saying that may very properly be applied in the case of this Book, which though short, yet contains full and Methodical Rules and Instructions, for a true Perfection and knowledge in this Art of Ringing,---the excellency whereof has*

has but lately been found out by the Laborious ſtudy of ſeveral Ingenious Perſons, who have had a particular reſpect or regard for the ſame.

Towards the latter end of the Reign of his late Majeſty King Charles *the Second, was publiſhed a book intituled* Campanalogia *or the Art of Ringing, which name at the requeſt and deſire of the Bookſeller, we have given to this Treatiſe with ſuch other Addition in the Title Page hereof as was Neceſſary for the ſame, but we hope and are aſſured that the Courteous Reader will not think, that we have borrow'd any other thing but*

the name, from ſo Unneceſſary a Book as the ſame now is; tho' to ſpeak with reſpect to all Ingenious Perſons works, the ſame might when writ be of uſe and neceſſary for all Ringers, though it does chiefly conſiſt of plain or Single Changes, *becauſe the ſame were then moſt of all Practiſ'd, but now this as well as all other Arts is by age and time improv'd, and inſtead of plain* Changes *there are* Double, Triple, *and* Quadruple Changes *Rung, which are far more Ingenious and Pleaſant; however in many Parts of* England, *plain* Changes *are ſtill in uſe, and therefore we have briefly ſaid ſomething in relation thereto*

thereto, that we may pleaſe (if we can) every Perſon; but 'tis our requeſt and deſire to all that are practis'd in plain Changes, *to ſuſpend the practice thereof, and betake themſelves to the practice of* Double *and* Triple Changes, *for the attaining whereof, we recommend them to the peruſal and ſtudy of this Book, which conſiſts of ſeveral* Peals; *which for their excellency have remain'd in uſe and Practice ever ſince they were made, as alſo of ſeveral new* Peals *Compos'd as well by our ſelves as* Mr. John Patrick, *who with great Care and Pains hath exercis'd his Ingenuity to the great Improvment of this Art.*

Being

to the Reader.

Being ſinſible of the many malicious Aſperſions caſt upon this exerciſe of Ringing, by partial and extrajudicious Perſons, we have endeavour'd in the beginning hereof, by way of Objection and Anſwer to vindicate this Art, and falſifie the ſaid Aſperſions, which we hope will be ſupported by all who have a true ſence and knowledge of the ſame.

What errors there may be (other than ſuch as are committed by the Printer, which we are aſſured the Judicious and Courteous Reader will paſs over) we ſubmit to the Correction and Amendment of the wiſe

wiſe, not in the leaſt doubting that he will condemn all for a few faults, withall hoping that he will ſuſpend all partiality and keep to the old moral, Do as he would be done by.

CAM-

CAMPANALOGIA:

OR, THE

Art of Ringing.

AMONGST other Diversions and Recreations practis'd by, and delightful to the Inhabitants of this Island, none is more diverting, ingenious, harmless, and healthful, than the *Art of Ringing*, used and practised with Discretion. And although it be esteem'd by the generality of People to be a mean and mechanical Exercise; yet were it to be duly weighed and consider'd by a Judicious and Impartial Person, it would be found to be very artful, and not to be attain'd to its highest Perfection, but by an ingenious and thoughtful Undertaker.

And therefore, since this Art is so generally esteem'd and look'd upon to be a mean and mechanical Exercise and Recreation, we think it

it convenient and requiſite by way of Preamble, to ſay ſomewhat in Oppoſition to what is offer'd and laid down by a Company of brainleſs and unthinking Perſons, (who nevertheleſs think their Judgments and Knowledge to be univerſal) as Reaſons and Arguments to manifeſt, and make out what they ſo irrationally and partially have ſpoke and utter'd in Diſgrace and Diſparagement of this Ingenious Art, which has ſo worthily deſerved and merited the Praiſe and good Word of all People. And firſt,

It is objected againſt as mean and mechanical, becauſe follow'd and practis'd by Perſons whoſe Courſe of Lives (as reported) has been inglorious, and alſo by Perſons whoſe Subſiſtence for themſelves and Families is gain'd by painful and hard Labour; and therefore not a fit and commendable Exerciſe and Recreation for one that has been genteely and handſomely brought up and educated.

To this we Anſwer, That there is no Exerciſe or Diverſion whatſoever, follow'd and uſed by the Nobility and Gentry, either of this Nation or any other, but is uſed and follow'd by the Common Sort of People; and with whom they at ſome times never ſcruple, or think it in the leaſt beneath their Dignity or Honour, to make them their Fellows, and Glaſs or Pot-

Companions. Nor is this only done by such Nobility and Gentry, that are generally esteem'd to be Spend-thrifts and Prodigals; but also by such whose deep Judgments and Learning have rendred them famous Persons, and serviceable both to their King and Country.

The same Objection may be made against a Person of Quality, or Gentleman, whose delight is in playing on the Violin, or any other Common Instrument of Musick; because many poor and silly Fellows get a Livelihood by going from Door to Door, and House to House, playing on their unpleasing and tuneless Musick, and bear the scandalous Names of Scrapers or Fidlers.

But as Musick is made more genteel and harmonious, by Consorts compos'd of the most skilful of Musicians; so is the *Art of Ringing* made the like, by a skilful number of Persons incorporated and united into a Society, sober, and made subject to Orders and Rules, consistent and coherent with Civility and genteel Behaviour. Nor can it be deny'd, but that several very eminent Masters of Musick have follow'd and diverted themselves much in Ringing, (having united and incorporated themselves into Societies) as an Exercise and Diversion by them esteem'd to be very harmo-

nious, and not in the leaſt inferior to the Melody of the moſt Muſical Inſtrument.

Again, it may be rationally ſuppoſed to be an extraordinary Madneſs and Folly in any one that ſhall diſparage and deſpiſe any Ingenuity or Art, and that becauſe 'tis Mechanical and Common; for by the ſame Example (if we do but rightly conſider and weigh it) none are worthy the Knowledge and Practice of any Perſon that has been nobly and genteely breed; becauſe there are none but what are (according to this Maxim) Mechanical and Common. Whereas on the contrary Art and Ingenuity ought to receive the greateſt Incouragement that any Humane Creature is able to beſtow; for nothing does more become a Man, or make him more eſteem'd and reſpected, than an univerſal Knowledge in all Arts and Sciences.

Another Objection made againſt the Practice of this Art, is, That it withdraws and alienates Mens minds from the Buſineſs, by which they obtain and procure Subſiſtence for themſelves and Families, making them Drunkards, neglective of their Occupations and Trades, and conſequently the utter Ruin and Impoveriſhment of themſelves, and all that depend upon, and receive a Livelihood and Maintenance from them.

In Anſwer to this, we ſay, That there is no Exerciſe or Diverſion whatſoever, but will bring and reduce a Man to Neceſſity and Penury; (unleſs uſed with Diſcretion, Prudence, and Moderation) nay, though he has an Eſtate to ſupport his Extravagancy and Profuſeneſs for a time; yet in the end it concludes with ſuch Eſtate ſpent, Impriſonment to himſelf, and want to his whole Family, as appears by daily Examples.

Whereas on the contrary, it never was known that any Perſon ever brought or reduced himſelf to Penury or Neceſſity by following this Exercise; but if at any time a Ringer has fail'd, and come to want, it will be found upon a ſtrict and exact Examination of the matter, that his undoing was occaſion'd by his following Gaming, Horſe-races, Cockfighting, or ſome ſuch miſchief.

And now to ſhew that no Inconveniencies ariſe or happen to Mens Buſineſs and Imployments, who exerciſe and recreate themſelves in, and follow this Ingenious Art, (eſpecially to ſuch Men that are incorporated and united into a Society, and ſubject themſelves to the ſober and civil Rules and Orders thereof) the time uſually ſet out and appointed, for the Practice and Exerciſe of this artful Diverſion, is in an Evening when all ſorts of People leave

off from their Business and Occupations, and disperse themselves some into one place, and some into another, to recreate themselves with some Diversion or Sport, thereby to sweeten the Care and Fatigue of a (multiplicity of troublesome (and sometimes unprofitable) Business or Work. Therefore it may as well be thought, that those vacant and leisure hours Men spend in the Enjoyment of the Bottle, and their Friends, should be as hurtful as the vacant Hours spent in this Exercise. Again, if a Man's recreating and diverting himself in the practice of any other Exercise or Sport, is held and esteemd to be necessary, why should it not be in the practice of this, as well as any other, being (as we have said before) harmless diverting, and wholesome?

A third Objection made against *Ringing*, is, That it is too laborious and painful to yield, or afford any Pleasure or Diversion, and occasions so great Heats and Sweatings, that a Man subjects himself to catch great Colds whereby he endangers his Life, and begets more damage to his Purse for Recovery of his Health, than he receives Pleasure and Satisfaction of Mind at the time of diverting himself with the Exercise and Practice of this Art.

To answer this Objection, we declare, That we never have known or heard (though we have made it our business to enquire concerning this matter of the oldest of Ringers) that ever any Person in the least received any manner of damage to his Health by Ringing; (unless rash and inconsiderate Persons that have been careless of themselves) but on the contrary 'tis well known by experience, to be a very healthful Exercise, moderately and with Discretion practis'd and us'd. For by moderate Sweating, all ill Humours, and corrupt Moistures are dispelled from the Body.

As to its being esteem'd and suppos'd laborious and painful, there is no such thing, for 'tis perfectly done by slight, else how could a Man be able to stand an Hour or two, (or more, as has been done) and be (as this Exercise requires) all the time in a continual motion. But this slight is to be obtain'd by practice, and by observing of Ancient Practitioners.

Thus having in short, and according to our Abilities, answer'd what Objections have been made against this ingenious and pleasant Exercise. We shall in the next place endeavour to say somewhat in Praise and Commendation of this Art; whereby it will further appear, that the Aspersions cast upon it, are altogether ma-

licious, and utter'd without the leaſt conſideration imaginable.

The more ingenious, innocent, and recreative any Diverſion or Exerciſe is, the more it ought, according to Reaſon, to be follow'd, eſteem'd, and lov'd by thoſe Perſons, who (for the ſake of their Health, or with intent to drive away melancholy Thoughts, and to ſooth the worldly Cares and Croſſes they often meet with) ſpend their vacant and leiſure Hours in the exerciſe and practice of ſome Sport, Art, or Diverſion; none whereof can be more ſuitable too, conſiſtent, and coherent with the Nature of ſuch Men, (would they but maturely conſider it) than the Practice and Uſe of this Art. And that for theſe Reaſons:

Becauſe (as we have ſaid, and (hope) made it appear before) it is a very wholeſome and healthful Exerciſe: And though there are ſeveral other Exerciſes and Recreations, as Bowling, Tennis-Ball, Nine-Pins, and ſuch like, (too tedious and long to be here inſerted) that may work and ſtir the Body, and every of its Parts, as much as this Exerciſe does; yet they are not in the leaſt to be compar'd to this, becauſe not ſo artful, or requiring ſo thoughtful and ingenious an Head-piece to attain to the univerſal Knowledge of them, as this

Art does. And again, becauſe in any ſuch Diverſions and Exerciſes, nothing but a claſhing, jarring, and unpleaſing Noiſe or Sound is heard. Whereas on the contrary no Muſick, Vocal or Inſtrumental, play'd on by the moſt skilful Maſter, can yield or afford a more pleaſant and harmonious Sound or Melody, than Eight or Ten merry *Bells* (for ſo they are term'd), well rung by ſo many *Ringers*, well-skill'd and practis'd in this Art; wherefore, and for this laſt Reaſon, it muſt be allow'd to be a very proper and ſuitable Exerciſe for one who is apt to be Melancholy, to divert and withdraw his Thoughts from keeping Company with ſo hurtful and pernicious a Companion.

But leaſt ſome Partial and Extrajudicious *Reader* (falſly thinking that (in what is before written) we have made ſome Reflections upon a Diverſion or Exerciſe he takes delight in) ſhould object againſt what we have ſaid in praiſe of this Art, as being the only Exerciſe we take delight in, and therefore give it ſo good a Character (though not worthy of it); We muſt with Submiſſion beg leave to acquaint him and others, (as a Proof to make good what we ſay) That there has been many noble and ingenious Perſons, that have expreſt and declar'd the ſame, and have been very

ambitious

ambitious and desirous of attaining to a perfect knowledge in this Art; but never could have an opportunity of being acquainted with such Persons, by whose means they might be introduced into, and made a Member of some sober Society (Followers of this Art). And moreover at this time to our knowledge, there are several Learned and Eminent Persons, both Clergy and Laymen of good Estates, that are Members of several Societies of *Ringers*, inhabiting within this City, and think themselves very much respected, and highly favour'd, that they can arrive at, and attain to so great an Happiness and Honour.

Nor is it less esteem'd and admired by several Foreigners, whose Curiosities have engaged them to Travel through a many Parts of the World, acknowledging that in all Parts wherever they have been, the like is not known, and therefore they have (not improperly) named *England*, *The Ringing Island*.

This we hope will be further sufficient to satisfy the Judicious and Impartial *Reader*, that the scandalous Aspersions cast upon this Art, are erroneous and malicious; and that on the contrary it is a very delightful and pleasing Exercise, and worthy the knowledge of any Person whatsoever. And now we shall proceed to lay down an easy and exact Method,

thod, whereby the ingenious Practitioner with little Care and Pains may in a short time attain to the perfect knowledge of this Art. And,

The first Step he makes in this Art, is to learn perfectly to set a *Bell*, both back Stroke and fore, and to have it so much at his Command, as that he may be able to cut it down, either at hand (being the *Sally*) or back Stroke, and Set it again the next Pull, without which he cannot attain to any Perfection or Knowledge in this Art; and to make this the more easy to him, he most observe to keep the Rope tite or stiff, to stand upright to the *Bell*, not stiring his Feet, or using any ungenteel Posture, which in *Ringing* (as well as Dancing) is very ridiculous. When he is Master of this, he may then try to Ring one round in Three, Four, Five, or Six *Bells*, and afterwards in Eight or Ten. Wherein (as in all *Ringing*) the principal thing to be observed, is a true and exact *Compass*, (which in Musick is call'd Time) otherwise the *Ringing* becomes very unpleasing and disturbing to the Hearer, and may be compared to the nauseous Musick of a Country-Fidler playing before a Company of Boors and Peasants, going to the Celebration of a homely Country-Wedding.

Compass

Compaſs being (as we have ſaid before) the moſt material thing to be obſerv'd in *Ringing*; 'twill be requiſite (in brief) to ſay ſomewhat in relation thereto.

According to the number and bigneſs of the *Bells* to be rung, the *Compaſs* ought to be high or low, for a large Peal of *Bells* require a lofty, and a ſmall Peal a quick *Compaſs*. This depends upon the *Compaſs*, the *Treble* firſt fixes; therefore, and for this Reaſon, 'tis abſolutely requiſite that the moſt able Practitioner ought to Ring, and have the management of that *Bell* as a Guide and Path to the reſt, when this is fixt, each of the other *Bells* muſt take care to keep an equal diſtance from the *Bell* preceeding that he Rings.

But for the better knowing of a true and exact *Compaſs*, the Practitioner ought to know how to beat *Time*, whereby he will reap the benefit and advantage of knowing the true diſtance that ought to be kept between *Bell* and *Bell*, according to the number and bigneſs of the *Bells*; and hereby it will appear that Three *Bells* are as long in going twice round, as Six are going twice round, Four as Eight, and Five as Ten. This ought to be well known too, and grounded in the Thoughts of an Undertaker of this Art, as the principal thing to be obſerved therein; for 'tis a ſmooth and exact *Compaſs* that

that makes the Ringing diverting and pleaſing, as true time makes the Harmony in Muſick.

The next thing he may adventure to undertake, is the learning to Raiſe and Ceaſe a *Bell* in *Peal*, which is not eſteem'd to be one of the eaſieſt parts of this Art; and we could wiſh with all our hearts, that it was more practis'd than it is, by the ancient and experienced *Ringers*, being very melodious and worthy any Mans pains to learn: For the attaining of which, he muſt be very attentive, how the *Bell* he Rings (with the reſt) ſtrikes, raiſing or ceaſing it, as the *Bell* he follows does (provided that is Rung true). He muſt likewiſe be careful, when they lie under *Sally*, (for ſo 'tis term'd) to keep his *Bell* at ſo conſtant a *Pull*, as not pull harder one time than another, unleſs he finds the *Bell* dive upon him; but a *Bell* kept in good Order, and well Hung, is very ſeldom guilty of that fault, eſpecially if Rung with a ſtiff Rope, and not check'd. 'Tis proper that *Bells* be raiſed as faſt as may be, and not to ſtrike till the ſecond Sway. For the more eaſy effecting of this, 'tis needful to have two, three, or more (according as the bigneſs of the *Bell* requires) to help up with each of the great *Bells*, until they are about three parts up, where for a while, 'tis uſual,

to

to have them lie ſtill for ſome time; and then (the Perſon ringing the *Treble* giving notice to the reſt by ſtamping with his Foot) to aſcend and riſe gradually, till they are raiſed to a ſet *Pull*, which they muſt be before any *Changes* can be Rung on them; which properly comes to be next treated of.

Of Changes.

THE word (*Changes*) is very aptly and properly appli'd in this Caſe, for every *Bell* removes from it proper place, according as the *Change* made, requires, and ſo backward or forward, (or as term'd *up* and *down*) till the *Peal*, intended to be Rung, is ended. This is the moſt intricate and difficult thing to be learnt in this Art, which is likewiſe much improv'd by Practice; and though at firſt ſight it ſeems very hard to be learnt, yet by practice and care 'tis ſoon rendred eaſy.

It will be very improper, and not in the leaſt to our purpoſe to ſtuff this Treatiſe full of unneceſſary and uſeleſs Examples of the Variation of Numbers, (thereby to ſhew the certainty of what ſhall be hereafter written) in regard they will but ſicken and clog the Memory

mory of the Ingenious Practitioner, and make him out of heart and think he ſhall never attain to the Knowledge of this Art. But we ſhall make it our utmoſt Care to lay down every thing in as plain and eaſy a Method as poſſibly can be; and ſhall ſhew in their proper places, how many ſeveral *Changes* are to be Rung on ſuch a Number of *Bells*; and alſo other Obſervations, Matters, and Things uſeful for attaining to the perfect Knowledge of what is hereby intended to be made known.

The firſt thing, that is requiſite and neceſſary to be obſerved by the Young Practitioner in ringing of *Changes*, (and by which he will attain to a perfect Slight in this Art, and render the ſame leſs laborious and toilſome to him) is the Motion or Courſe of the *Bell* he Rings, whether it be gradually to aſcend or deſcend, (that is *up* or *down*) or whether it be to make any *Stop* or *Dodge* in the middle, with any other *Bell*. If the *Bell* be to aſcend or go up, it muſt be done by keeping it up, both at Hand and Backſtroke, thereby to delay or prolong its ſtriking until its due time and place; if to deſcend, it muſt be done by a very gentle and ſlight *Pull* and *Sally*, according as the bigneſs of the *Bell* requires, for by this means it deſcends the more eaſy, and without much

much pains in cutting it down, obſerving to ſtand as ſtraight, and as upright as poſſible, not bending any part, except the Knee; for that it is that fatigues and tires the *Ringer*. If a *Stop* or *Dodge* is to be made, or a *Compaſs* to be led, the *Bell* ought to be kept with ſo ſtiff a Rope, and ſo much at the Practitioner's Command, that he may not ſtand any longer, or pull any ſooner than in true *Time* or *Compaſs* is required; for otherwiſe, by the *Bells* ſtanding too long in leading *Compaſs*, the reſt are thrown and jumbled together, whereby *Claps* and *Clams* (ſo unpleaſing to the Hearers) are occaſion'd; and by too quick leading of the *Compaſs*, the *Bells* are ſcatter'd, and not ſubjected to any equal diſtance each from the other.

In Ringing of *Changes*, there is one *Bell* (commonly the *Treble*) term'd the *Hume* (by reaſon of the conſtant Motion that is aſſign'd to it) by which the reſt of the *Bells* are guided in their ſeveral and different Courſes throughout all *Peals* whatſoever; and therefore 'tis not improper to compare the Perſon ringing the *Treble* to a Pilot, having the Management of a Ship, by whoſe Skill together with a Rudder, the Ship is ſafely ſteer'd from one Haven to another.

Changes

Changes consist of two kinds, different the one from the other; the one term'd *Plain* or *Single Changes*; the other *Double* and *Triple Changes*, or *Cross Peals*.

Plain or Single Changes.

AND they are so call'd, because no more than two *Bells* make a *Change* at once, as for example, suppose these six Figures, 1 2 3 4 5 6, to be six *Bells* going round one after another in their proper places; now in making of a *Plain* or *Single Change*, only two of the *Bells* change their places, which may be any two that are next each other; as admitt first and second were to make a *Change* by going into each others place, then they would be in this Order 2 1 3 4 5 6.

But these *Plain* or *Single Changes* are so old, that they are scarce practis'd any where, because by ingenious and skilful practitioners, this Art is made far more melodious and easy by *Double* and *Triple Changes*, and therefore we shall forbear to make a long Discourse upon what is not needful or requisite, but shall only set down two or three *Peals* of *Plain Changes*, for the satisfaction of some particular Persons.

On two *Bells* there are no more then two *Changes*, to wit,

2	1
1	2

On three *Bells* there are twice as many more; for by multiplying two by three, (the additional figure) the Product is six, in Ringing whereof no *Bell* is peculiarly assign'd as an *Hunt*, because every *Bell* has one and the same Course, as may be here seen.

1	2	3
2	1	3
2	3	1
3	2	1
3	1	2
1	3	2
1	2	3

These six *Changes* may be likewise Rung another way, that is by hunting the *Bell* which lies behind (being third) first down; or (as it appears by Ringing the said *Changes* backwards thus.

1	2	3
1	3	2
3	1	2
3	2	1
2	3	1
2	1	3
1	2	3

On four *Bells* there are three times as many more *Changes* as there are on three as appers by multiplying six by four, the Product whereof is Twenty four in Ringing of which, the *Treble* (being the *Hunt*) is particularly to be observed, which first *Hunts* up behind, and there lies a *whole pull*, (which is the time the *Bell* is striking both *Back stroke* and fore) whilst the two foremost *Bells* make a *Change*, which done the *Treble* then *Hunts* down again to its proper place, where it leads a way a whole *pull*, whilst the two hindmost *Bells* make a *Change*, (commonly called an *Extream*) and after this

manner

manner the other *Changes* are Rung as compleat a four and twenty as by this Example appears.

1234		
2134	3142	4123
2314	3412	4213
2341	3421	4231
3241	4321	2431
3214	4312	2413
3124	4132	2143
1324	1432	1243
1342	1423	1234

On five *Bells* there are four times as many more *Changes* as there are on four, as appears by multiplying the Twenty four by the additional figure 5, the Product is 120. And the Course and Method of Ringing them is the same as before in the Four and Twenty, with this further Observation, that there is besides the *Hunt* an *Half-hunt*, the *Treble* which is in the subsequent *Peal*, the *whole Hunt* first *Hunts* through the rest of the *Bells*, and as soon as it is behind, the *Half-hunt* makes a *Change* with the *Bell* that is next it, moving one *Bell* higher, and then the *Treble Hunts* down again, and the *Half-hunt* makes another *Change*, then the *Treble Hunts* up again and then the *Half-hunt* makes another *Change*, and then the *Treble Hunts* down to lead, by which time the *Half-hunt* having finished its Course by *Hunting* over all the *Bells*, an *Extream* is then

made, by the two fartheſt *Extream Bells* from the *Half-hunt*, which is third and fourth; and ſo they proceed in the ſame Courſe till the next *Extream*, which happens every other time *Treble* leads.

A Plain Sixſcore.

Hunts 1 2.

12345					
21345	41352	21453	51432	21534	31542
23145	43152	24153	54132	25134	35142
23415	43512	24513	54312	25314	35412
23451	43521	24531	54321	25341	35421
32451	43251	42531	54231	52341	35241
32415	43215	42513	54213	52314	35214
32145	43125	42153	54123	52134	35124
31245	41325	41253	51423	51234	31524
13245	14325	14253	15423	15234	13524
13425	14235	14523	15243	15324	13254
31425	41235	41523	51243	51324	31254
34125	42135	45123	52143	53124	32154
34215	42315	45213	52413	53214	32514
34251	42351	45231	52431	53241	32541
34521	24351	45321	25431	53421	23541
34512	24315	45312	25413	53412	23514
34152	24135	45132	25143	53142	23154
31452	21435	41532	21543	51342	21354
13452	12435	14532	12543	15342	12354
Ext.	*Ext.*	*Ext.*	*Ext.*	*Ext.*	*Ext.*
14352	12453	15432	12534	13542	12345

An *Extream* is a diſtinct *Change* from the reſt, and made by the two fartheſt *Extream Bells* from the *Half-hunt*.

It

It may perhaps be wondred at by ſome, why we have not ſet down more large and methodical *Rules* and *Inſtructions* for the Ringing *Plain Changes*; but if duly conſider'd we think (with Submiſſion) 'tis not in the leaſt neceſſary; not only becauſe (as we have ſaid before) they are almoſt out of practice every where; but alſo becauſe *Croſs Peals* are more eaſy and melodious; therefore we hope we ſhall be excuſed by the ingenious and knowing *Reader*, for the Omiſſion that we have made, being as we conceive requiſite, and aſſured that were he, or any other (whoſe genius leads them to the practice of Muſick) to by a Collection of Songs or Tunes, that he would ſooner chuſe and have thoſe that were lately compos'd than thoſe which had been compos'd many Years. And now we ſhall proceed to give neceſſary *Directions* and *Inſtruction* for the Ringing of

Double and Triple Changes or Croſs-Peals.

WE may ſuppoſe (and that with reaſon) that the Denomination given to theſe *Peals*, is from the *Bells* croſſing each other in their ſeveral Motions or Courſes ſome moving up and others down as the *Change* made requi-

ces, and for that four or six *Bells* (or more as the number will permit) do at one and the same time change from their proper places as thus 2, 1, 4, 3, 6, 5, so that by this means there are as many *Changes* at once going round of the *Bells*, (and yet reckon'd but one *Change*, because made at ones Striking of each *Bell*) as in *Plain Changes* can be effected in three times going round.

But before we proceed any further 'twill be requisite to give this general Instruction; that in all *Peals* for the Young practitioners more ease learning we shall set down some few *Changes* as the Courses of such *Peals* will permit, thereby to acquaint him with a more easy Method of learning the same, advising him not to adventure on too long *Peals*, till he is throughly practis'd and perfect in such short ones.

No *Double Change* can be made on a less number of *Bells* than four (therefore that must be first treated of) and the shortest *Peal* that can be Rung on four is of Eight *Changes* being *Doubles* and *Singles*, and the first is *Double* and the next *Single*, and so by turns, till every *Bell* being hunted up and down comes into it's proper place again, which brings the *Bells* round. By this may be learnt the Method of Hunting a *Bell*; for as may be seen in the *Changes* here prickt down, every *Bell Hunts* gradually up and down,

and the second and fourth *Hunt* down, and the *Treble* and *Third* up, and every *Bell* leads away no more than one whole *Pull*, nor lies behind any more than one whole *Pull*.

1234	
2143	3412
2413	3142
4231	1324
4321	1234

When the practitioner is perfect in this he may then proceed to Ring the four and twenty *Doubles* and *Singles*, wherein must be observed that when the *Treble* leads the *Bell* in second's place lies a whole Pull and then leads, and the two *Bells* in third and fourth's places make a *Single Dodge* as by the subsequent figures may appear.

1234		
2143	3124	4182
2413	3214	4312
4231	2341	3421
4321	2431	3241
2412	4213	2314
2142	4123	2134
1324	1432	1243
1342	1423	1234

Now the true Signification or meaning of a *Dodge* is this; any Bell that is coming down and is to make a dodge, must move up again one *Bell* higher, and any *Bell* that is going

up and is to make a dodge muſt come down one *Bell* lower, and then up or down as the Courſe of ſuch *Bell* requires, as may be ſeen at the leading of the *Treble* at fore-ſtroke in the preceeding twenty four *Changes*, where the ſecond is in thirds place coming down and the fourth behind, but at the next *Change* at Back-ſtroke, the fourth goes down into thirds place, and the ſecond goes up behind: this may ſerve as an Explanation for dodging in all *Peals*.

There is another way of Ringing twenty four *Changes* Doubles and Singles on four *Bells*, which varies only from the former, that when *Treble* is behind, the *Bell* in third's place lies ſtill a whole *Pull* and the *Bells* in *Treble* and ſecond's places make a dodge, and then proceed again in their former Courſe, as may be here ſeen.

1234		
2143	4132	3124
2413	4312	3214
4231	3421	2341
2431	4321	3241
4213	3412	2314
4123	3142	2134
1432	1324	1243
1423	1342	1234

In all Peals upon five *Bells*, there are two *Flights*, to wit a whole and an *Half-hunt*, and for the practitioners more eaſy knowing, which

Bells

Bells are the whole *Hunt* and the *Half-hunt* the figures repreſenting ſuch *Bells* are ſet down at the beginning of each *Peal*.

This *Peal* on five *Bells* is thirty, wherein every *Bell* has an *Hunting* Courſe, till the *Treble* has done leading, and then the *Bell* in third's place lies ſtill, and the two hindmoſt *Bells* make a Single Dodge, and proceed in their *Hunting* Courſe again as in theſe thirty *Changes*.

Hunts 1 2.

12345		
21354	21543	21435
23145	25134	24153
32415	52314	42513
34251	53241	45231
43521	35421	54321
45312	34512	53412
54132	43152	35142
51423	41325	31524
15243	14235	13254
12534	12453	12345

Old Doubles.

THe *Changes* in this *Peal* are all double Except at the leading of the *Treble* and every *Bell* has a direct *Hunting* Courſe until *Treble* leads. And then the *Bells* in ſecond and fifth's places lie ſtill and the *Bells* in third and fourth's places

places make a *Single Dodge*, except when the Extreams are to be made, which is every time the ſecond lyeth next to *Treble* and then the *Bells* in ſecond and thirds places lie ſtill, and the two hindmoſt *Bells* make a dodge. 'Tis called an Extream *Change*, by reaſon 'tis made only at ſuch times, when ſuch and ſuch *Bells* are in ſuch places, and is a different *Change* from the reſt; of which *Change* 'tis requiſite notice be given as the *Treble* is going to lead by him who Rings the *Half-hunt*, in ſaying Extream. The word Extream we muſt confeſs is the moſt proper Signification, in regard to the *Change*, but there is now and for ſome time has been a word call'd *Bob*, inſtead of Extream upon what account the word was *Chang'd*, we know not; yet nevertheleſs, for faſhion's ſake we adviſe every one to uſe it.

Hunts 1 2.

12345				
21435	32145	14253	15234	13245
24153	23415	12435	12543	12354
42513	24351	*Extr.*	*Extr.*	*Extr.*
45231	42531	12453	12534	12345
54321	45213	14235	15243	
53412	54123	14325	15423	
35142	51432	13452	14532	
31524	15342	13542	14352	
13254	15432	15324	13425	
13524				
31254	14523			

New

New Doubles.

IN this *Peal* the *Treble* only hath a direct *Hunting* Course, for when it moves up from leading, the two foremost *Bells* continue *Dodging* until the said *Treble* comes down again and displaceth them; every *Bell* that comes into thirds place lies there a whole *Pull*, and then goes up behind, Except the *Bell* that lies there when the *Treble* leaves leading, which moves down. Every *Bell* lies twice behind except when the *Treble* goes to lead and leaves leading; for when the *Treble* leads the *Bells* in second and fifth's places lie still and the *Bells* in third and fourths places make a *Single Dodge*. The Extreams or (as we shall henceforth call them) the *Bobs* are the same as in the former *Peal* of old doubles,

Hunts 1 2.

12345				
21354	35124	14253	15234	13245
23145	53214	12435	12543	
32415	35241	*Bob*	*Bob*	12354
34251	52431	12453	12534	*Bob*
32541	35412			12345
23514	53142	14235	15243	
32154	51324	14325	15423	
31245	15342			
13254	15432	13452	14532	
13524		13542	14352	
31542	14523	15324	13425	

S.

St. *Dunſtans Doubles.*

IN this *Peal* the *Changes* are all Double, Except one *Single* every ſecond time, the *Treble* leads, there being ſix of them in the *Peal* the *Treble* as before hath a direct *Hunting* Courſe and every time it goes to lead and leaves leading the *Bell* in third's place lies a whole *Pull*, and then goes down, and the two hindmoſt *Bells* Dodge till *Treble* parts them, Except at three of the *Single Changes*, and then the *Bell* in third's place goes up behind and the *Bell* in fourth's place comes down, but at other times they have an *Hunting* Courſe. When the *Treble* leads and the ſecond is in its own place, it is a *Bob*, but when ſecond is in third's place a *Single*.

Hunts 1 2.

12345				
21354	45123	14532	13452	15342
23145	54213	12354	12543	12435
32415	52431	*Bob*	*Bob*	*Bob*
34251	25341	12534	12453	12345
43521	23514	14352	13542	
45312	32154	13425	15324	
54132	31245	15243	14235	
51423	13254	*Single*	*Single*	
15432	*Single*	15234	14253	
14523	13245	14325	13524	
41532	15423			

Reading-

Reading Doubles.

THe *Treble* has likewiſe in this *Peal* a direct *Hunting* Courſe and when it moves up up from leading the two foremoſt *Bells* Dodge, until it comes down again and parts them; whilſt they Dodge every *Bell* that comes into third's place lies there a whole *Pull*, and then moves up behind again; but after the Dodging all the Bells go an hunting Courſe, until the dodging obſtructs them. Every *Bell* lies twice behind, Except when the *Treble* leaves leading, and the ſecond is next *Bell* to it, and then the *Bell* in third's place lies ſtill and the two hindmoſt *Bells* Dodge; which happens in Courſe every twenty *Changes*; by this Method it will go ſixty *Changes* and by making two *Bobs* it will go 120; the firſt *Bob* is made at the end of ſixty *Changes* and the other at the laſt *Treble* leading of the *Peal*.

Hunts 1 2.

12345					
21354	13425	54132	12453	15342	15423
23145	14352	51423	14523	14253	14532
32415	41532	15243	15432	12435	13245
23451	45123	12534			*Bob*
32541	54213		13254	14325	12345
23514	45231	15324	*Bob*	13452	
32154	54321	13542	12354	15234	
31245	45312	14235	13524	12543	

The

The Dream.

THe *Treble* in this *Peal* has a direct *Hunting* Course and when it leaveth the 5 and 4 places coming down the two *Bells* that are there continue Dodging till it cometh up and hinders them except when the two *Hunts* are together before, which happens in Course every forty *Changes*, the *Bobs* are every time the *Half-hunt* is in second or third's place (if the whole *Hunt* lead) and then the *Bells* in 2 and 3 place lie still

Hunts 1 2.

12345					
21435	15324	14235	14352	*Bob*	14523
24153	51342	*Bob*	13425	12534	12354
42513	53124	14253	15243	15432	*Bob*
45231	35214	13524	*Bob*	14523	12345
54321	32541	15342	15234	13254	
53412	23451	12435	14325	*Bob*	
35142	24315	*Bob*	13452	13245	
31524	42135	12453	12543	15432	
13542	41253				

Winwick Doubles.

IN this *Peal* first the two hindmost *Bells* Dodge (Except the whole *Hunt* hinders them) the first *Single* is made, and then the two foremost

most *Bells Dodge* Except the whole *Hunt* hinders them untill another *Single* be made, and so on successively throughout the whole *Peal* there are six *Singles*, made after the same manner as in St. *Dunstan's Doubles.*

12345					
21354	41532	31254	41523	51234	41325
23145	45123	32145	45132	52143	43152
32415	54213	23415	54312	25413	34512
34251	52431	32451	45321	24531	35421
43521	25341	23541	54231	42351	53241
45312	23514	32514	45213	43215	52314
54132	32154	23154	54123	34125	25134
51423	31245	21345	51432	31452	21543
15432	13254	12435	15342	13425	12534
14523	*Bob*	14253	*Single*	14352	*Bob*
	13524		15324		12354
					&c.

Grandsire.

EVery *Bell* in this Peal has a direct *Hunting* Course till the *Treble* leaves leading and then the *Bell* in third's place lies till a whole *Pull* and the hindmost *Bells* make a *Single Dodge*, and then proceed in the same Course again, and every time the *Half-hunt Dodgeth* behind, a *Bob* must then be made; at which the *Bells* that are in the third's place, when the *Treble* goes to

lead

lead and leaves leading lie a whole *Pull*, and the two hindmoſt *Bells* make a Double *Dodge*, as may be ſeen in the following *Peal*. By this Method it will go ſixty *Changes* and by making two *Singles* it will go 120; the *Singles* are made at the end of ſixty *Changes*, and at the end of the *Peal*, the manner of making *Single* in this *Peal*, is the *Bell* in third's place lies there two whole *Pulls*, and the *Bell* in ſeconds place lies there a whole *Pull*.

Hunts 1 5.

12345					
21354	21543	31452	31524	15432	15234
23145	25134	34125	35142	14523	12543
32415	52314	43215	53412	13254	*Bob*
34251	53241	42351	54321	*Single*	13452
43521	35421	24531	45231	13245	14325
45312	34512	25413	42513	15342	15423
54132	43152	52143	24153	13524	14532
51423	41325	51234	21435	*Bob*	12354
15243	*Bob*	15324	*Bob*	14253	*Single*
12434	14352	13542	12453	12435	12345
	13425		14235		

This *Peal* of *Grandſire* may be Rung by making any *Bell* the *Hunt* at pleaſure, but then the firſt *Change* being made at *Back-ſtroke*, prevents the Cutting *Compaſs* (which otherwiſe will happen throughout the *Peal*) and then the *Bells* will come round, at *Fore-ſtroke*, but in the

the following *Peal* wherein ſecond is the whole *Hunt*, and fifth the *Half*) the firſt *Change* being a *Single* prevents the cutting *Compaſs*, and they come round at *Back ſtroke*.

Grandſire. Hunts 2 5.

12345				
Single	51324	14532	14253	*Bob*
12354	53142	15423	12435	24153
13245	35412	51243	*Bob*	21435
31425	34521	52134	21453	25134
34152	43251	25314	24135	21543
43512	42315	23541	25431	*Bob*
45321	*Bob*	32514	24513	23451
54231	24351	35241	23154	24315
52413	23415	53421	*Single*	25413
25143	32451	54312	23145	24531
21534	34215	45132	25341	13254
12543	43125	41523	23514	12345
15234	41352			

This *Peal*, as before appears, is in all reſpects the ſame as the formers, only that ſecond is the whole *Hunt* in this and *Treble* in that; therefore in Ringing this, the ſecond muſt be obſerved as the *Treble* is in the other.

London Doubles.

IN this *Peal*, the *Treble* hath an *Hunting* Course as in *Grandsire*, and when it goes to lead and leaves leading the *Bells* in third's place lie still a whole *Pull* successively, and the *Bells* behind *Dodge* till *Treble* parts them; Except at a *Bob*, and then the *Bell* that is in third's place, when *Treble* goes to lead *Hunts* up behind and makes a *Dodge*, and the *Bell* in fourth's place *Hunts* down; it differs from *Grandsire* only in this, that the *Treble* leadings in this are *Bobs* in that, and the *Bobs* in this are *Treble* leadings in that.

Hunts 1 5

12345					
21354	54213	35421	43215	13245	15234
23145	52431	53241	34125	———	———
32415	25341	52314	31452	15423	14325
34251	23514	25134	*Bob*	14532	13452
43521	32154	21543	13542	*Bob*	———
45312	31245	12534	15324	12435	12354
54132	*Bob*	15243	14235	14253	*Single*
51423	13425	51234	12453	13524	12345
15432	14352	52143	———	15342	
14523	41325	25413	*Single*	———	
41532	43152	24531	13254	*Bob*	
45123	34512	42351		12543	

Cambridg

Cambridge Delight.

IN this *Peal* the two hindmoſt *Bells* always *Dodge* till the whole *Hunt* parts them, when the whole *Hunt* leaves third's place *Hunting* up, the two foremoſt *Bells Dodge* till the *Half-hunt* hinders them, whoſe Courſe is the ſame with the Courſe of the *Half-hunt* in *Grandſire*, there are two *Singles* in this *Peal* made by the ſame rule as in *Grandſire*.

Hunts 2 4.

12345

13254	43521	15432	53241	24531	13154
31524	45312	14523	52314	25413	32145
13542	54132	41253	25341	52431	31254
31452	51423	42135	23514	54213	13524
34125	15243	24153	32541	45123	31542
32415	12534	21435	35214	41532	13452
12351	21543	12453	53124	14352	14325
24315	25134	14235	35142	13425	&c.
23451	52143	41325	53412	31245	
32415	51234	43152	54321	32154	
24251	15324	34512	45231	23145	
	51342	35421	42513	*Single*	

Cambridge Delight another Way.

IN this *Peal* the two hindmoſt *Bells* always *Dodge* till the whole *Hunt* hinders them, as in the former *Peal*; when the *Half-hunt* leaves third's place *Hunting* up, the two foremoſt *Bells Dodge* till the whole *Hunt* hinders them. It differeth from the former *Peal* in this; that whereas in the former the *Bells* always begin to *Dodge* before, when the whole *Hunt* leaves third's place and are parted by the *Half-hunt*; and in this they begin to *Dodge* before, when the *Half-hunt* leaves third's place and are parted as well before as behind by the whole *Hunt*; and alſo that in this *Peal* the *Half-hunt Dodgeth* behind on the contrary *Stroke* to what it does in the former *Peal*; there are two *Singles* made likewiſe in this *Peal* by the ſame Rule as thoſe in the proceeding *Peal*.

Hunts 1 4.

12345					
21354	54132	54213	12534	42351	4132
23145	51423	52431	15243	43215	4312
32415	15432	25341	51234	34125	3451
34251	14523	52314	52143	31452	3541
43521	41532	25134	25413	13425	5321
45312	45123	21543	24531	14352	3521

53124	35142	24153	41253	32541	13254
51342	53412	21435	42135	23514	*Single.*
15324	54321	12453	24315	32154	13245
13542	45231	14235	23451	31245	*&c.*
31524	42513				

Checker.

IN this *Peal Treble* is the whole *Hunt* and *Tenor* the *Half-hunt* for twenty *Changes*; and then *Tenor* is the whole *Hunt* and *Treble* the *Half hunt* for the next twenty, and ſo they *Hunt*, by turns, throughout the *Peal*. When the *Treble* is the whole *Hunt* the *Bells* behind always *Dodge*, except hinder'd by *Treble*; when *Tenor* is *Whole Hunt*, the *Bells* before always *Dodge*, except hinder'd by *Tenor*. When *Treble* is before and *Tenor Dodging* behind, a *Single* is made by the *Tenor*, and the *Bell* which *Dodged* with it; and when *Tenor* is behind and *Treble Dodging* before a *Single* is made by the *Treble* and the *Bell* then *Dodging* with it.

Hunts, 1 5.

12345					
21354	43521	15432	54213	32154	31254
23145	45312	14523	52431	31245	13524
32415	54132	41532	25341	13254	15342
34251	51423	45123	23514	13245	

51432

Cambridge Delight another Way.

IN this *Peal* the two hindmoſt *Bells* always *Dodge* till the whole *Hunt* hinders them, as in the former *Peal*; when the *Half-hunt* leaves third's place *Hunting* up, the two foremoſt *Bells Dodge* till the whole *Hunt* hinders them. It differeth from the former *Peal* in this; that whereas in the former the *Bells* always begin to *Dodge* before, when the whole *Hunt* leaves third's place and are parted by the *Half-hunt*; and in this they begin to *Dodge* before, when the *Half-hunt* leaves third's place and are parted as well before as behind by the whole *Hunt*; and alſo that in this *Peal* the *Half-hunt Dodgeth* behind, on the contrary *Stroke* to what it does in the former *Peal*; there are two *Singles* made likewiſe in this *Peal* by the ſame Rule as thoſe in the proceeding *Peal*.

Hunts 1 4.

12345					
21354	54132	54213	12534	42351	413
23145	51423	52431	15243	43215	431
32415	15432	25341	51234	34125	345
34251	14523	52314	52143	31452	354
43521	41532	25134	25413	13425	534
45312	45123	21543	24531	14352	354

53124	35142	24153	41253	32541	13254
51342	53412	21435	42135	23514	*Single.*
15324	54321	12453	24315	32154	13245
13542	45231	14235	23451	31245	*&c.*
31524	42513				

Checker.

IN this *Peal Treble* is the whole *Hunt* and *Tenor* the *Half-hunt* for twenty *Changes*; and then *Tenor* is the whole *Hunt* and *Treble* the *Half hunt* for the next twenty, and ſo they *Hunt*, by turns, throughout the *Peal*. When the *Treble* is the whole *Hunt* the *Bells* behind always *Dodge*, except hinder'd by *Treble*; when *Tenor* is *Whole Hunt*, the *Bells* before always *Dodge*, except hinder'd by *Tenor*. When *Treble* is before and *Tenor Dodging* behind, a *Single* is made by the *Tenor*, and the *Bell* which *Dodged* with it; and when *Tenor* is behind and *Treble Dodging* before a *Single* is made by the *Treble* and the *Bell* then *Dodging* with it.

Hunts, 1 5.

12345					
21354	43521	15432	54213	32154	31254
23145	45312	14523	52431	31245	13524
32415	54132	41532	25341	13254	15342
34251	51423	45123	23514	13245	

51432

51432	24351	24513	35124	13425
54123	42315	25431	31542	14352
45213	24135	52341	13452	&c.
42531	42153	53214	31425	

St. Clement's Doubles.

IN this *Peal* the *Treble* has an *Hunting* Courſe, and as ſoon as it comes behind, the two foremoſt *Bells Dodge* till *Treble* parts them, whilſt the *Bell* then happening in third's place lies ſtill a whole *Pull* and then moves up behind. There are ſix *Singles* in this *Peal* made by the ſame Rule as in *St. Dunſtan's Doubles.*

12345					
21435	51342	13245	——	——	——
24153	53124	14532	15243	15324	12435
42513	35214	15423	*Bob*	13542	*Single*
24531	53241	——	15234	——	12345
42351	35421	12354	13452	14235	——
24315	53412	*Single*	14325	*Bob*	
42135	35142	12534	——	14253	
41253	31524	——	12543	——	
14523	13254	13425	*Single*	15342	
15432	*Bob*	14352	12453	13524	

Weſtminſter

Weſtminſter Doubles.

THE *Treble* in this *Peal* has an *Hunting* Courſe, and every other time it leaves the third's place *Hunting* up, the two foremoſt *Bells Dodge* till it comes down and parts them, the *Bells* behind continue *Dodging* till *Treble* hinders them, except at a *Bob*, which is every time the ſecond lyeth next the *Treble* (if *Treble* leads) and then the *Bells* in ſecond and fifth's places lie ſtill, and the *Bells* in third and fourth's places make a *Single Dodge*.

Hunts 1 5.

12345					
21354	31254	51423	41523	12534	15234
23145	32145	54132	45132	21543	12453
32415	23415	45312	54312	25134	12543
23451	24351	54321	53421	52314	15324
32541	42531	45231	35241	25341	13524
23514	45213	54213	32514	52431	15342
32154	54123	45123	23154	25413	13452
31245	51432	41532	21345	52143	
13254	15423	14523	12354	51234	
13245	15432	14532	*Bob*	15243	

Gogmagog.

IN this *Peal* the *Bells Hunt* as in *Grandsire*, and this differs from that only in this, that there is not every other time a *Single Bob*, but instead of a *Single Bob* every other time there is a double *Bob*, so that only once in four times there is a *Single Bob*, but when Tenor is *Dodging* behind (and the *Treble* leads) there is always a *Single* made by it and the *Bells* which *Dodge* with it.

12345					
21354	12534	14352	52134	43512	42351
23145	21543	*Bob*	51243	34152	24531
32415	25134	14325	15234	31425	25413
34251	52314	41352	12543	13452	52143
43521	53241	43125	21534	*Bob*	51234
45312	35421	34215	25143	13425	15324
54132	34512	32451	52413	31452	13542
51423	43152	23541	54231	34125	&c.
15243	41325	25314	45321	43215	

Antilope.

IN this *Peal* the *Bells Hunt* as in *Grandsire*; and when *Treble* is before a *Single* is always made by the Tenor and the *Bells* which follow it;

it, the other *Bells* lying ſtill a whole *Pull*, there are two *Doubles* made in this *Peal* at the ſame places and inſtead of the *Singles* in *Grandſire.*

12345

21354	12543	13452	51234	42153	*Bob*
23145	21534	13425	15324	41235	13245
32415	25143	31452	13524	14253	——
34251	52413	34125	31542	14235	15423
43521	54231	43215	35124	------	14523
45312	45321	42351	53214	15432	——
54132	43512	24531	52341	14532	*&c.*
51423	34152	25413	25431	------	
15243	31425	52143	24513	12354	

Jumping Doubles dodging before.

IN this *Peal* every *Change* is a jumping *Change* (in which one *Bells* jumps over two *Bells* at once,) Except when the *Treble* is either behind or before, for then there is always a plain *Double Change* made, or elſe a *Single* at the end of ſixty *Changes*; the *Treble* is the *Hunt* and the two foremoſt *Bells* always *Dodge* till the *Treble* hinders them; when the *Treble* is *Hunting* up, the jumping *Changes* are all made by the *Bell* in Tenors place jumping into third's. Except only that one when the *Treble* goes out of ſecond's

place

place into third's; for then the *Bell* in third's place jumps into *Treble's* place, where it *Dodges* with the *Bell* in seconds place till *Treble* parts them; when *Treble* is *Hunting* down every jumping *Change* is made by the *Bell* in third's place jumping into Tenor's place, except when it goes out of third's place into second's; for then the *Bell* in *Treble's* place jumps into third's place. And observe, that when *Treble* is going to lead the first time, the *Bell* in Tenor's place jumps into third's place, and the next time the *Bell* in third's place jumps into Tenor's place throughout the *Peal*. There are two *Singles* made after the same manner as in Grandsire.

12345					
21534	23145	45213	42351	35421	34215
52145	32514	54321	24531	53214	43152
25314	23451	45231	42315	35142	31425
52431	32541	54312	24153	51324	13254
25341	23415	45123	41235	15432	*Single*
52413	32154	51432	14352	14523	13245
25134	21345	15243	13425	41352	*&c.*
51243	12453	12534	31542	34125	
15324	14235	21453	53124	43512	
13542	41523	42135	35412	34251	
31254	54132	24513	53241	43521	

Jumping

Jumping Doubles dodging behind.

IN this *Peal Treble* is perfect *Hunt* as in the former. The two hindmoſt *Bells* always *Dodge* till *Treble* parts 'em, when *Treble* is *Hunting* up the *Bell* in third's place always jumps into *Treble's* place, Except only when *Treble* removes from out of third's place into fourth's, for then the *Bell* in *Tenor*'s place jumps into third's; and obſerve that every ſecond time *Treble* goes out of fourth's place into fifth's, the *Bell* in *Treble*'s place jumps into third's: whereas at other times the *Bell* in third's place jumps into *Treble*'s; when *Treble* leaves the fifth's place hunting down, the *Bell* in third's place jumps into *Treble*'s; when it leaves fourth's place the *Bell* in third's place jumps into *Tenor*'s; when it is either in ſecond or third's place hunting down, the *Bell* in the *Treble*'s place jumps into third's. There are two *Singles* likewiſe in this *Peal* made as in the former *Peal*.

12345					
21254	43512	31485	52413	21534	42315
23145	34125	43152	25134	52143	24153
32514	41352	34215	51243	25314	41235
23241	13425	42351	12534	32541	12453
32421	14352	24531	15243	23451	14235

21453	53124	53214	15432	34251	13245
42135	31542	25341	14523	23415	&c.
24513	15324	52431	51432	32154	
45231	13542	45213	45123	21345	
54321	51324	54132	54312	13254	
35412	35142	41523	43521	*Single*	

Alteration of Hunts, old Doubles Way.

THE *Hunting Courſe* in this *Peal*, is the ſame as in *old Doubles* with one *Hunt*. Only in this you muſt obſerve, that every time the *Hunt* comes to lead (except at a *Bob* or a *Single*) an alteration is then made in the *Hunt* by this Method; for the firſt *Treble* leading of the *Peal*, *Treble* is the *Hunt*, and as ſoon as it cometh to lead, that *Bell* which giveth it place (which is the third) makes a *dodge* with the *Treble* by cutting *Compaſs* at *Back-ſtroke*, then the *Treble* leads a *whole Pull*, and the third goes *Hunt* in the *Treble's* place; now the third having *Hunted* a leading, the ſame alteration ſhould be made between it and the *Bell* which giveth it place; but a *Single* being then to be made the third leads a *whole Pull*, and the *Bells* in the ſecunds and thirds place lye ſtill, and the two hind *Bells* make a *Single dodge*, and the third continues *Hunt* until the next leading, where the ſame alteration is made

be

between *third* and *Treble* as at the firſt leading; and the *Treble* reſumes its *Hunting Courſe* again until the next leading which being a *Bob* it leads a *whole Pull* and the *Bells* in ſecond and Fifths places lie ſtill, and the *Bells* in third and fourths places make a *dodge*, and the *Treble* continues *Hunt* until the next leading, when the ſame Alteration is to be made between *Treble* and Fifths, as at the firſt leading was between *Treble* and *Third*; and this Method muſt be continued throughout the *Peal* and obſerve that the *Singles* and *Bobs* are in Courſe every time the *Hunt* leads and the ſecond lyeth next it and two leadings diſtance between a *Single* and a *Bob*, at every *Single* the *Treble* always lies in the third's place and at every *Bob* leads *Compaſs* as in the following Example (where for the better Inſtruction of the Practitioner the *Peal* is prick'd at length) will more plainly appear.

12345					
21435	13254	25341	45213	34152	*Bob*
24153	31245	23514	54123	43512	12534
42513	13425	32154	51432	45321	21354
45231	14352	*Single*	15342	54231	23145
54321	41532	32145	13524	52413	32415
53412	45123	23415	31254	25143	34251
35142	54213	24351	13245	21534	43521
31524	52431	42531	31423	12354	45312
					54132

54132	52134	34521	43152	42153	53421
51423	25314	43251	41325	24513	35241
15243	23541	42315	14235	25431	32514
51234	32451	24135	41253	52341	23154
15324	34215	21453	14523	53214	21345
13542	43125	12543	15432	35124	12435
31452	41352	*Bob*	51342	31542	*Bob*
34125	14532	12453	53124	13452	12345
43215	15423	21543	35214	14325	
42351	51243	25134	32541	41235	
24531	15234	52314	23451	14253	
25413	51324	53241	24315	41523	
52143	53142	35421	42135	45132	
Single	35412	34512	*Single*	54312	

Crambo.

IN this *Peal* every *Bell* hath one and the ſame Courſe, there being no proper hunt or Half-hunt therein; but the Method to be obſerved in Ringing it, is this, the three foremoſt *Bells* go the ſixes, and the two hind *Bells dodge* all the time, now when the three foremoſt *Bells* have finiſht their Courſe of the *ſix Changes* a parting *Change* muſt then be made, by *Hunting* that *Bell* up behind to *dodge*, which firſt took lead of the *Treble*, and that *Bell* down that was firſt behind; which being done, the three firſt *Bells* go the *ſix Changes* again, and the two *Bells* behind continue *dodging* as before, until

until the next parting *Change*, which muſt be made after the ſame manner as the former, the firſt parting *Change* in the *Peal* prick'd down here, is made the third *Change*, by the *Treble* parting the fourth and Fifths, and then the *Treble* and *Fifth dodge*, till the ſecond, third and fourth go the *ſix Changes* on three *Bells*; then another parting *Change* is made by the ſecond parting, the *Treble* and *Fifth*, and the Third, Fourth and Fifth go the *ſix Changes*, and the *Treble* and *ſecond dodge* as before, till the next parting *Change*; which Courſe muſt be continued throughout the *Peal*; and obſerve that on ſix *Changes* the *Bells* cut *Compaſs* before, and the other they do not; there are two *Singles* made after the ſame manner as in *Grandſire* the firſt *ſingle* is made the Fifth time, the *Treble* leads a *whole Pull*, and the laſt ſingle an the ſame diſtance as the firſt, which concludes the *Peal*.

43521	31452	42135	51342	12534
45312	13425	41253	53124	21543
54321	14352	14523	35142	25134
53412	41325	41532	31524	52143
35421	14235	45123	13542	25413
34512	12458	54132	15324	24553
43152	21435	51423	51234	42513
34125	24153	15432	15243	45231
				54213

54213	31254	24513	14532	15342	5234
52431	32145	42153	41523	13524	2531
25341	23415	24135	45132	31542	2354
52314	32451	21453	54123	35124	3251
53241	34215	12435	51432	53142	2315
35214	43251	14253	15423	35412	2134
32541	42315	41235	51243	34521	1235
23514	24351	14325	52134	43512	*Sing*
32154	42531	13452	25143	45321	1234
31245	45213	31425	21534	54312	
13254	54231	34152	12543	53421	
Single	52413	43125	15234	35241	
13245	25431	41352	51324	53214	

These *Peals* upon *five Bells* being several o them new, and the reſt the moſt muſical an beſt extant we think them ſufficient for to ſa tisfie any reaſonſable perſons. The next thin in Courſe to be treated of, is *Peals* upon *ſix Bell* but before we proceed to them it will be ver neceſſary to make ſome few but general Obſe vations; for the more eaſy and effectual gui ing the learner therein.

Of Peals on ſix Bells.

NOw upon *Six Bells* there are 720 *Change* as will very plainly appear, if you mu tiply the 120 upon 5 by the additional figu 6, the product will be 720, the true number *Chang*

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2354
3251
2315
2134
1235
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1234

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Changes on *Six Bells*, which *Changes* are to be prickt (according to modern Computation) 720 ſeveral ways and no more.

Theſe 720 *Changes* may be divided into ſeveral *parts* or *Peals*, as you pleaſe, as 144 the one Fifth 180. the one fourth parts of the whole, or 360 the one half, in which the chief things to be obſerved are the *Hunts*, which are three, term'd the *whole hunt*, the *Half-hunt* and the *quarter hunt*; and the figures on the top of each *Peal*, relate thereunto; as on the top of *Grandſire Bob* you ſee 1 6 4, that is the *Whole-hunt*, 6 the *Half-hunt*, and 4 *Quarter-hunt*, and ſo in the reſt. Now h that Ringeth the *Half-hunt* (by obſerving the fo wing directions that is given to each *Peal*) may beſt give notice of the *Bob Changes*, which muſt be juſt as the *Whole-hunt* goeth to lead at the *fore-ſtroke* (the *Bob Change* in all *Peals* upon *Bells* being made at *Back-ſtroke*) by ſaying *Bob*. But leaſt the ſhorteſt of theſe *Peals* ſhould at firſt ſeem too tedious, and the making of *Bobs* difficult for the learner to adventure upon at firſt ſight, (as we may very reaſonably ſuppoſe they will) we ſhall therefore inſert the principle or Courſe only of one or two *Peals*; by his being throughly perfect therein, he with the more eaſe and leſs difficulty, gain inſight in making of a *Bob Change*: and for the Courſe of.

Grandſire Bob commonly called plain Bob.

IN Ringing of which there is two Methods or Rules to be obſerved, whereby this *Peal* may be Rung; and the firſt is by the meeting of the *Treble* as it *Hunteth* down from behind, that is any *Bell* that meets the *Treble* in Fifths place and it in Sixth lies a *Pull* behind, and then *Hunts* down into the thirds place, where makes a *dodge* with the *Bell* that is in the ths place, by moving up again into the ths place, and the *Bell* in fourths down in irds, and then proceed in the Courſe as were going (before the *dodge*) be it up down; any *Bell* that meets the *Treble* in urths place and it in Fifths, goeth behind where it lies a *Whole-Pull*, and then moves down into the Fifth's place, and *dodgeth* back again into the Sixth's place; and then *Hunts* down to lead any *Bell* that meets the *Treble* in third's place and it in fourths; as ſoon as it cometh behind it makes a *dodge* back again into the Fifth's place, and then comes behind again, and lies there a *Whole Pull* before it *Hunts* down; and any *Bell* that meets the *Treble* in ſecond's place and it in third's, as ſoon as it comes into the fourth's place it *dodgeth* back again into the

third's, and then *Hunts* directly up behind, where it lies a *Whole Pull* before it moves down again; and any *Bell* from which the *Treble* takes the lead, lies next the *Treble* a *Whole Pull* and then leads again; and this is the Courſe of Ringing this *Peal* by meeting of the *Treble*. The other way of Ringing it is a far more ſhort and eaſie Method, but it is practice only that muſt perfect the *Ringer* therein, and that is by *Hunting* your *Bell* up or down as the Courſe of the *Bell* you Ring requires; till ſuch time as the *Treble* leads, and then the *Bell* in ſecond's place lyeth ſtill, and the *Bells* in Third, Fourth, Fifth, and Sixth places make a *Single dodge*, and proceed in the ſame Courſe as they were going before ſuch *dodge* was made; and this is the other way of Ringing it, as by the following figures may more largely be ſeen; this *Peal* being the true grounds of all other *Peals*, (and in muſick not in the leaſt inferiour to any) we do therefore adviſe all Practitioners to be throughly perfect therein as the only means whereby they may with a little practice attain to the true knowledge and underſtanding of any other.

The Course of Grandsire or plain Bob.

123456				
214365	321456	352146	536214	563421
241635	234165	325416	352641	536241
426153	243615	234561	325461	352614
462513	426351	243651	234516	325164
645231	462531	426315	243156	231546
654321	645213	462135	421365	213456
563412	654123	641253	412635	124365
536142	561432	614523	146253	123456
351624	516342	165432	142635	
315264	153624	164523	416253	
132546	156342	615432	461523	
135264	513624	651342	645132	
312546	531264	563124	654312	

The Course of College Single Bob.

THERE is but one Method to be observed in the Ringing of this *Peal*, and that is by meeting the *Treble* only; any two *Bells* that the *Treble* (when it comes from behind) leaves in the Fifth and the Sixth places those two *Bells* continue *dodging*, till such time as the *Treble* comes up again and parts them; and every *Bell* that meets the *Treble* under the Fourths place, that is the *Treble* in Third's, and it

in Fourth's, the *Treble* in Second's, and it in Third's, any ſuch *Bell* alſo meeting the *Treble*, goeth no higher than into the Fourth's place, where it lieth a *Whole Pull*, and then moves down to lead, and this is the Courſe of this *Peal* as by the following figures may be ſeen.

123456				
214365	361542	254136	364512	254631
241356	635124	245316	635421	245361
423165	653214	423561	653241	423516
432615	562341	432651	562314	432156
346251	526431	346215	526134	341265
364521	254613	364125	251643	314256
635412	245163	631452	215634	132465
653142	421536	613425	126543	123456
561324	412563	164352	162534	
516342	145236	146325	615243	
153624	154263	413652	651234	
135642	512436	431625	562143	
316524	521463	346152	526413	

Now the Practitioner being throughly perfect in the Courſes of theſe two *Peals*, he may then proceed to 180 or 360 of *Grandſire Bob* as followeth.

The Courſe of the 180 is the ſame in all reſpects as the foregoing Courſe of this *Peal*, except when a *Bob* is to be made, and then the *Bell* in the Fourth's place lieth ſtill, and the *Bell*

in Second's place *Hunts* directly up behind: the *Bobs* are to be made every time the half and quarter *Hunts* (which in the following *Peal* is the Sixth and Fourth) Dodgeth behind, and Three *Bobs* finish the *Peal*.

Grandsire Bob, 180.

Hunts 1 6 4.

123456			
214365	132654	125634	153624
241635	136245	126543	156342
426153	163425	162453	165432
462513	164352	164235	164523
645231	146532	146325	146253
654321	145623	143652	142635
563412	154263	134562	124365
536142	152436	135426	123456
351624	125346	153246	
315264	*Bob*	*Bob*	
132546	152364	135264	
Bob			
123564			

Having before set down the whole Course at length, we have here only inserted the Treble leadings.

To Ring an *Eighteenscore* of this *Peal* every time the Half *Hunt Dodgeth* behind, a *Bob* must then be made, except the Quarter *Hunt Dodgeth* with

with it, and then not, as in the following *Eighteen-ſcore* may be ſeen.

Hunts 1 6 4. *Grandſire Bob* 360.

123456				
214365	135264	142356	134256	154326
241635	153624	124536	*Bob*	*Bob*
426153	156342	*Bob*	143265	145362
462513	165432	142563	125463	132465
645231	164523	153462	*Bob*	*Bob*
654321	146253	*Bob*	152436	123456
563412	142635	135426	154263	
536142	124365	134562	*Bob*	
351624	*Bob*	*Bob*	145236	
315264		143526		
132546				

If for 720 the *Singles* muſt be made thus.

132465	123465
Firſt Single	*Laſt Single*
132456	123456

In all *Peals* upon Six *Bells*, that require *Singles* to be made to carry on the *Peal* 720 Changes, the moſt uſual way now in Practice, is, to make one at the end of the *Eighteen-ſcore*, and the other at the end of the next *Eighteen-ſcore*, ſo that the laſt ſingle *Change* Compleats the *Peal*.

And this further Obſervation, may be made, that in all *Peals*, where the *Bell* in Seconds place lies ſtill at a *Dodge*, the *Bell* in Fourths place lies

ſtill at a *Bob*, and that the *Half Hunt* is always behind and out of the *Bob*, and doth not alter its Courſe neither in *Dodge* nor *Bob*, when ſhe is behind.

College Single Bob, 144.

Hunts 1 6 5.

TO Ring 144 of this *Peal*, every time the *Treble* leads, a *Bob* muſt then be made, except when the *Half* and *Quarter-hunts Dodge* together behind, which happens in Courſe every Fourth leading of the *Treble*, and Nine *Bobs* finiſh the *Peal*, as in this prickt down; at a *Bob* the *Bell* in Fourths place *Hunts* up, and the Bell in Fifths comes down, as may be here ſeen;

123456				
214365	153624	124365	*Bob*	156423
241356	*Bob*	142356	163542	126354
423165	135264	152643	143265	*Bob*
532615	165432	*Bob*	134256	162534
346251	*Bob*	125463	154632	132465
364521	156342	165324	*Bob*	123456
635412	146253	*Bob*	145362	
653142	*Bob*	156234	165243	
561324	164523	136452	*Bob*	
516342				

To

To Ring 180. of this *Peal*, every time the *Half-hunt* makes a *Change* next the *Whole hunt*, a *Bob* muſt then be made, and three *Bobs* Conclude the *Peal.*

To Ring 360 of this *Peal*, every time the *Half Hunt* is in Seconds Place, going up, or in Thirds Place coming down, a *Bob* muſt then be made, except the *Quarter Hunt* be in one of thoſe places with it and then not as by the following *Eighteen-ſcore* may be ſeen.

Hunts 1 3 5.

123456				
214365	135642	143526	*Bob*	136452
241356	145236	*Bob*	132654	132546
423165	154263	134256	134562	*Bob*
432615	164352	136524	*Bob*	123456
346251	146325	*Bob*	143652	
364521	126543	163254	134625	
635412	162534	136245	*Bob*	
653142	132465	*Bob*	143265	
561324	*Bob*	163425	163542	
516342	123645	123564	*Bob*	
153624				

If for 720 the Single, thus.

132546	123546
Firſt Single	*Laſt Single*
132456	123456

Lon-

London Single Bob.

Hunts 1 3 5.

IN this *Peal* the *Treble* is *Hunt*, and when it comes from behind the Two *Bells*, that it leaves in the Sixth and Fifths Places, Continue *Dodging*, till the *Treble* comes to lead, and then the *Bell* in fourths place goes up, and the *Bell* in fifths comes down (as at a *College Single Bob*;) but at a *Bob*, the *Bell* in fourths place lies ſtill, and the two *Bells* behind continue *Dodging* till the *Treble* parts them; the Method for the *Bobs* is the ſame as in the foregoing *Peal*.

123456				
214365	235146	365214	123564	136245
241356	253416	632541	163425	*Bob*
423165	524361	623451	*Bob*	163254
432615	542631	264315	136452	136524
346251	456213	246135	134625	*Bob*
364521	465123	421653	*Bob*	163542
635412	641532	412635	143652	143265
653142	614523	146253	134562	*Bob*
561324	165432	164523	*Bob*	134256
516342	156342	124365	143526	132465
153624	513624	142635	123645	*Bob*
135264	531642	132546	*Bob*	123456
312546	356124	*Bob*	132654	
321564				

For

For 720 the Singles.

132465	123465
Firſt Single.	*Laſt Single.*
132456	123456

Oxford Single Bob, 360.

Hunts 1 6 4.

THE Courſe of this *Peal*, is the ſame as the foregoing *Peal*, till the leading of the *Treble*, and then the *Bell* in Seconds Place lies ſtill a whole Pull, and the *Bells* in Third and Fourths Places make a *Single Dodge*, except at a *Bob*, and then the *Bell* in Fourths Place lies ſtill a whole Pull, and then moves down to Lead, and the *Bell* in Seconds Place moves up into Fourths Place, and every time the *Half Hunt Dodgeth* behind, a *Bob* muſt be made, except the *Quarter Hunt Dodge* with it, and then not.

123456

123456				
214365	146253	136452	134256	145362
241356	142635	134625	*Bob.*	132465
423165	132546	124536	143265	*Bob.*
432615	135264	*Bob.*	125463	123456
346251	165432	142563	*Bob.*	
364521	164523	153462	152436	
635412	124365	*Bob.*	154263	
653142	*bob.*	135426	*Bob.*	
561324	142356	134562	145236	
516342	152643	*Bob.*	154326	
153624	156234	143526	*Bob.*	
156342				

for 720 the Singles.

132465	123465
First single.	Laſt ſingle.
132456	123456.

Grandſire Double Bob.

Hunts. 1 3 4.

IN this *Peal* the *Treble* hath a direct *Hunting* Courſe, and as ſoon as it Moves out of the Fourths place, the bells in firſt and ſecond places *Dodge* until it comes down and parts them; as ſoon as the *Treble* comes behind, the Bell in Fifths place lies ſtill a whole pull, and the

Bells

Bells in Third and Fourths make a *Single Dodge*, then the *Bell* in Fifths Place goes behind, where it lies a whole Pull, and then moves down to Lead, every *Bell* that comes from behind, when the *Bells* are *Dodging* before, goes no Lower than into the Thirds place, where it lies a whole Pull, and then moves up again; when the *Treble* leads, the *Bell* in fourths place goes up, and the *Bell* in fifths comes down, except at a *Bob*, and then the *Bell* in fourths place lies ſtill, and the *Bells* behind make a *Single Dodge*; and every time the *Half-hunt* is in ſecond or thirds place, a *Bob* muſt then be made, except the *Quarter hunt* be in one of thoſe places, and then not.

123456				
214365	164352	*Bob*	135462	*Bob*
241635	146532	135264	*Bob*	123456
426153	156423	136452	153426	
246513	165243	*Bob*	135642	*For 720 the Singles*
425631	125634	163425	*Bob*	132465
246531	152364	136245	153624	*Firſt Single.*
425613	132546	*Bob*	163542	132456
245163	*Bob*	163254	*Bob*	123465
421536	123564	123645	136524	*Laſt Single.*
412356	153246	*Bob*	132465	123456
143265		132654		
134625				

College

College Double Bob.

Hunts 1 3 5.

THE Course of this *Peal* is the same as *College Single*, only in this it differs, That when the *Treble* moves up from leading, the *Bells* in first and second places *Dodge*, and continue *Dodging* till it comes down again and parts them; every *Bell* that comes into the thirds place, when the *Bells* are *Dodging* before, lies there a *Whole-pull* and then moves up again. The *Bobs* are made after the same manner as in *College Single*, and called by the same Rule.

123456				
214365	145236	*Bob*	*Bob*	*Bob*
241356	154263	123645	163425	143265
423165	126543	143526	123564	163542
243615	162534	*Bob*	*Bob*	*Bob*
426351	153624	134256	132654	136452
246531	135642	136524	134562	132546
425613	164352	*Bob*	*Bob*	*Bob*
245163	146325	163254	143652	123456
421536	132465	136245	134625	
412563				

The Singles *for the* 720 *are the same as in* College Single.

London

London Double Bob.

Hunts 1 3 5.

IN this *Peal* the *Treble* is *Hunt*, and when it moves up from leading, the two foremoſt *Bells* continue *Dodging* till it comes down and parts them; the *Bell* that comes into thirds place when the *Treble* is *Hunting* up, lies there a *Whole-pull*, and when the *Treble* is behind, the *Bell* in fifths place lies ſtill, and the *Bells* in third and fourths places make a *ſingle Dodge*: when *Treble* leads, the *Bell* in fourths place goes up and the *Bell* in fifths comes down, except at a *Bob* and then the *Bell* in fourth place lies ſtill as in *London Single Bob*, the *Bobs* are the ſame and call'd by the ſame Rule as in that.

123456				
214365	146253	*Bob*	*Bob*	*Bob*
241356	164523	123564	143526	163542
423165	153624	163425	123645	143265
243615	135264	*Bob*	*Bob*	*Bob*
426351	124365	136452	132654	134256
243651	142635	136425	136245	132465
426315	165432	*Bob*	*Bob*	*Bob*
246135	156342	143652	163254	123456
421653	132546	134562	136524	
412635				

The Singles *are the ſame as in* London Single Bob.

Oxford

Oxford Double Bob.

Hunts 1 6 4.

THE Course of this *Peal* is the same as *Oxford Single*, only that the *Bells* before *Dodge* till *Treble* parts them; and when the *Treble* is behind, the *Bell* in fifths place lies still, and the *Bells* in third and fourths places make a *Single Dodge*; then the *Bell* in fifths place goes behind, and the *Treble Hunts* down to lead. The *Bobs* are made after the same manner, and called by the same Rule, as in *Oxford Single*.

123456				
214365	146253	*Bob*	*Bob*	*Bob*
241356	142635	142356	143526	145236
423165	165432	124536	134256	154326
243615	164523	*Bob*	*Bob*	*Bob*
426351	153624	142563	143265	145362
243651	156342	153426	125463	132465
426315	132546	*Bob*	*Bob*	*Bob*
246135	135264	135426	152436	123456
421653	124365	134562	154263	
412635				

For 720 *the* Singles *are the same as in* Oxford Single.

Court

Court Bob.

Hunts 1 3 5.

IN this *Peal* the *Treble* hath a plain *Hunting* Courſe, and when it moves up from leading, the *Bell* in thirds place lies ſtill, and the two foremoſt *Bells* make a *Single Dodge*; then the *Bell* in thirds place moves up, and likewiſe the *Bell* that firſt took the lead of the *Treble*, and the *Bell* which *Dodged* with it leads a *Whole-pull*, and then makes another *Single Dodge* with the next *Bell* that comes down to it. The *Bell* that happens in thirds place lying ſtill, as before, and then moves up into the fourths place to make room for the *Treble*; when the *Treble* leads, the *Bell* in fourths place goes up behind, and the *Bell* in fifths place comes down (as at a *College Single Bob*) except at a *Bob* and then the *Bell* in fourths place lies ſtill, and the two hindmoſt *Bells Dodge* till *Treble* parts them, as at a *College Single Treble* Leading, and every time the *Half-hunt* is in ſecond or thirds place, a *Bob* muſt be made, except the *Quarter-hunt* be in one of thoſe places with it and then not.

123456				
214365	165432	*Bob*	*Bob*	*Bob*
241356	156342	123564	143526	163542
423165	124365	163425	123645	143265
243615	142635	*Bob*	*Bob*	*Bob*
426351	153624	136452	132654	134256
462531	135264	134625	136245	132465
645213	146253	*Bob*	*Bob*	*Bob*
465123	164523	143652	163254	123456
641532	132546	134562	136524	
614523				

For 720 *the* Singles *are the same as in the foregoing* Peal.

New

New *London* Peals upon Six BELLS.

Compos'd by *John Patrick* and others.

London Delight.

Hunts 1 3 5.

IN this *Peal* the *Treble* hath a direct *Hunting* Courſe, and when it lies behind, the *Bell* in fifth's place lies ſtill a *Whole-pull*, and the other four make a *Single Dodge*, then the *Bell* in fifths place goes behind, and all the *Bells* go a *Hunting* Courſe, till *Treble* leads, and then the *Bell* in fourth's place lies ſtill, and the two hind *Bells* make a Single Dodge, (and then proceed in their Courſe as before; (at a *Bob*, the *Bell* in fourth's place goes up, and the *Bell* in fifth's comes down, and every time the *Half-hunt* is in ſecond and third's place, (if the *Whole-hunt* lead) a *Bob* muſt then be made, except the *Quarter-hunt* be in one of thoſe places, and then not.

123456				
214365	135642	143526	*Bob*	136452
241635	145236	*Bob*	132654	132546
426153	154263	134256	134562	*Bob*
462513	164352	136524	*Bob*	123456
645231	146325	*Bob*	143652	*For* 720
462531	126543	163254	134625	*the Singles*
645213	162534	136245	*Bob*	132546
654123	132465	*Bob*	143265	132456
561432	*Bob*	163425	163542	123546
516342	123645	123564	*Bob*	123456
153624				

London New Bob.

Hunts 1 5 6.

EVERY *Bell* in this *Peal* hath a *Hunting* Courſe, till the *Treble* comes behind, then the *Bell* in third's place lies ſtill, and the 2 foremoſt *Bells* make a *Single* Dodge; then the *Bell* in third's place moves up, and all the *Bells* go a *Hunting* Courſe, till *Treble* leads, and then the *Bell* in ſeconds place lies ſtill, and the other four make a Single Dodge; except at a *Bob*, and then the *Bell* in fourth's place lies ſtill, and the *Bell* in ſecond's place *Hunts* up, and the two hindmoſt *Bells* make a Dodge; and every time

the *Half-hunt Dodges* behind, a *bob* muſt be made except the *Quarter-hunt Dodge* with it, and then not.

123456				
214365	*Bob*	134625	163425	145236
241645	123645	162345	*Bob*	142563
426153	164235	*Bob*	136452	124365
462513	*Bob*	126354	163254	123456
645231	146253	162453	*Bob*	*For 720*
465321	164352	*Bob*	136245	*the Singles*
643512	*Bob*	126435	163542	124365
634152	146325	124653	165324	124356
361425	143652	*Bob*	156423	123465
316245	*Bob*	142635	154632	123456
132654				

Lancaſhire Delight.

Hunts 1 2 4

IN this *Peal* the *Treble* is *Hunt*, and when it moves up from leading the *Bells* before *Dodge* till it comes and parts them; and every *Bell* that comes into the third's place, goes no lower but lies there a *Whole-Pull*, and then moves up (except the *Bell* that comes there when *Treble* leads, moves down) when the *Treble* is behind, the *Bell* in fifth's place lies ſtill

Changes on *Six Bells*, which *Changes* are to be prickt (according to modern Computation) 720 ſeveral ways and no more.

Theſe 720 *Changes* may be divided into ſeveral *parts* or *Peals*, as you pleaſe, as 144 the one Fifth 180. the one fourth parts of the whole, or 360 the one half, in which the chief things to be obſerved are the *Hunts*, which are three, term'd the *whole hunt*, the *Half-hunt* and the *quarter hunt*; and the figures on the top of each *Peal*, relate thereunto; as on the top of *Grandſire Bob* you ſee 1 6 4, that is the *Whole-hunt*, 6 the *Half-hunt*, and 4 the *Quarter-hunt*, and ſo in the reſt. Now h that Ringeth the *Half-hunt* (by obſerving the ſo wing directions that is given to each *Peal*) may lieſt give notice of the *Bob Changes*, which uſt be juſt as the *Whole-hunt* goeth to lead at *fore-ſtroke* (the *Bob Change* in all *Peals* upon *Bells* being made at *Back-ſtroke*) by ſaying *Bob*. But leaſt the ſhorteſt of theſe *Peals* ſhould at ſeem too tedious, and the making of *Bobs* difficult for the learner to adventure upon ſt ſight, (as we may very reaſonably ſuppoſe they will) we ſhall therefore inſert the ciple or Courſe only of one or two *Peals*, by his being throughly perfect therein, he with the more eaſe and leſs difficulty, gain inſight in making of a *Bob Change*, and for the Courſe of.

Grandsire Bob commonly called plain Bob.

IN Ringing of which there is two Methods or Rules to be obſerved, whereby this *Peal* may be Rung; and the firſt is by the meeting of the *Treble* as it *Huntеth* down from behind, that is any *Bell* that meets the *Treble* in Fifths place and it in Sixth lies a *Pull* behind, and in *Hunts* down into the thirds place, where makes a *dodge* with the *Bell* that is in the ths place, by moving up again into the ths place, and the *Bell* in fourths down in- irds, and then proceed in the Courſe as were going (before the *dodge*) be it up down; any *Bell* that meets the *Treble* in arths place and it in Fifths, goeth behind where it lies a *Whole-Pull*, and then moves down into the Fifth's place, and *dodgeth* back again into the Sixth's place; and then *Hunts* down to lead any *Bell* that meets the *Treble* in third's place and it in fourths; as ſoon as it cometh be hind it makes a *dodge* back again into the Fifth place, and then comes behind again, and lie there a *Whole Pull* before it *Hunts* down; an any *Bell* that meets the *Treble* in ſecond's place and it in third's, as ſoon as it comes into th fourth's place it *dodgeth* back again into th third'

third's, and then *Hunts* directly up behind, where it lies a *Whole Pull* before it moves down again; and any *Bell* from which the *Treble* takes the lead, lies next the *Treble* a *Whole Pull* and then leads again; and this is the Courſe of Ringing this *Peal* by meeting of the *Treble*. The other way of Ringing it is a far more ſhort and eaſie Method, but it is practice only that muſt perfect the *Ringer* therein, and that is by *Hunting* your *Bell* up or down as the Courſe of the *Bell* you Ring requires; till ſuch time as the *Treble* leads, and then the *Bell* in ſecond's place lyeth ſtill, and the *Bells* in Third, Fourth, Fifth, and Sixth places make a *Single dodge*, and proceed in the ſame Courſe as they were going before ſuch *dodge* was made; and this is the other way of Ringing it, as by the following figures may more largely be ſeen; this *Peal* being the true grounds of all other *Peals*, (and in muſick not in the leaſt inferiour to any) we do therefore adviſe all Practitioners to be throughly perfect therein as the only means whereby they may with a little practice attain to the true knowledge and underſtanding of any other.

The Course of Grandsire or plain Bob.

123456				
214365	321456	352146	536214	563421
241635	234165	325416	352641	536241
426153	243615	234561	325461	352614
462513	426351	243651	234816	325164
645231	462531	426315	243156	231546
654321	645213	462135	421365	213456
563412	654123	641253	412635	124365
536142	561432	614523	146253	123456
351624	516342	165432	142635	
315264	153624	164523	416253	
132546	156342	615432	461523	
123564	513624	651342	645132	
312546	531264	563124	654312	

The Course of College Single Bob.

THERE is but one Method to be observed in the Ringing of this *Peal*, and that is by meeting the *Treble* only; any two Bells that the *Treble* (when it comes from behind) leaves in the Fifth and the Sixth place those two *Bells* continue *dodging*, till such time as the *Treble* comes up again and parts them; and every *Bell* that meets the *Treble* under the Fourths place, that is the *Treble* in Third's, and

in Fourth's, the *Treble* in Second's, and it in Third's, any such *Bell* ſo meeting the *Treble*, goeth no higher than into the Fourth's place, where it lieth a *Whole Pull*, and then moves down to lead, and this is the Courſe of this *Peal* as by the following figures may be ſeen.

123456				
214365	361542	254136	364512	254631
241356	635124	245316	635421	245361
423165	653214	423561	653241	423516
432615	562341	432651	562314	432156
346251	526431	346215	526134	341265
364521	254613	364125	251643	314256
635412	245163	631452	215634	132465
653142	421536	613425	126543	123456
561324	412563	164352	162534	
516342	145236	146325	615243	
153624	154263	413652	651234	
135642	512436	431625	561423	
316524	521463	346152	526413	

Now the Practitioner being throughly perfect in the Courſes of theſe two *Peals*, he may then proceed to 180 or 360 of *Grandſire Bob* as followeth.

The Courſe of the 180 is the ſame in all reſpects as the foregoing Courſe of this *Peal*, except when a *Bob* is to be made, and then the *Bell* in the Fourth's place lieth ſtill, and the *Bell*

in Second's place *Hunts* directly up behind: the *Bobs* are to be made every time the half and quarter *Hunts* (which in the following *Peal* is the Sixth and Fourth) Dodgeth behind, and Three *Bobs* finish the *Peal*.

Grandsire Bob, 180.

Hunts 1 6 4.

123456			
214365	132654	125634	153624
241635	136245	126543	156342
426153	163425	162453	165432
462513	164352	164235	164523
645231	146532	146325	146253
654321	145623	143652	142635
563412	154263	134562	124365
536142	152436	135426	123456
351624	125346	153246	
315264	*Bob*	*Bob*	
132546	152364	135264	
Bob			
123564			

Having before set down the whole Course at length, we have here only inserted the Treble leadings.

To Ring an *Eighteenscore* of this *Peal* every time the Half *Hunt Dodgeth* behind, a *Bob* must then be made, except the Quarter *Hunt Dodgeth* with

with it, and then not, as in the following *Eighteen-ſcore* may be ſeen.

Hunts 1 6 4. *Grandſire Bob* 360.

123456				
214365	135264	142356	134256	154326
241635	153624	124536	*Bob*	*Bob*
426153	156342	*Bob*	143265	145362
462513				
645231	165432	142563	125463	132465
654321	164523	153462	*Bob*	*Bob*
563412		*Bob*	152436	123456
536142	146253			
351624	142635	135426	154263	
315264		134562	*Bob*	
132546	124365	*Bob*	145236	
	Bob	143526		

If for 720 the *Singles* muſt be made thus.

132465	123465
Firſt Single	*Laſt Single*
132456	123456

In all *Peals* upon Six *Bells*, that require *Singles* to be made to carry on the *Peal* 720 Changes, the moſt uſual way now in Practice, is, to make one at the end of the *Eighteen-ſcore*, and the other at the end of the next *Eighteen-ſcore*, ſo that the laſt ſingle *Change* Compleats the *Peal*.

And this further Obſervation, may be made, that in all *Peals*, where the *Bell* in Seconds place lies ſtill at a *Dodge*, the *Bell* in Fourths place lies

ſtill at a *Bob*, and that the *Half Hunt* is always behind and out of the *Bob*, and doth not alter its Courſe neither in *Dodge* nor *Bob*, when ſhe is behind.

College Single Bob, 144.

Hunts 1 6 5.

TO Ring 144 of this *Peal*, every time the *Treble* leads, a *Bob* muſt then be made, except when the *Half* and *Quarter-hunts Dodge* together behind, which happens in Courſe every Fourth leading of the *Treble*, and Nine *Bobs* finiſh the *Peal*, as in this prickt down; at a *Bob* the *Bell* in Fourths place *Hunts* up, and the Bell in Fifths comes down, as may be here ſeen;

123456				
214365	153624	124365	*Bob*	156423
241356	*Bob*	142356	163542	126354
423165	135264	152643	143265	*Bob*
532615	165432	*Bob*	134256	162534
346251	*Bob*	125463	154632	132465
364521	156342	165324	*Bob*	123456
635412	146253	*Bob*	145362	
653142	*Bob*	156234	165243	
561324	164523	136452	*Bob*	
516342				

To

To Ring 180. of this *Peal*, every time the *Half-hunt* makes a *Change* next the *Whole-hunt*, a *Bob* muſt then be made, and three *Bobs* Conclude the *Peal.*

To Ring 360 of this *Peal*, every time the *Half Hunt* is in Seconds Place, going up, or in Thirds Place coming down, a *Bob* muſt then be made, except the *Quarter Hunt* be in one of thoſe places with it and then not as by the following *Eighteen-ſcore* may be ſeen.

Hunts 1 3 5.

123456				
214365	135642	143526	*Bob*	136452
241356	145236	*Bob*	132654	132546
423165	154263	134256	134562	*Bob*
432615	164352	136524	*Bob*	123456
346251	146325	*Bob*	143652	
364521	126543	163254	134625	
635412	162534	136245	*Bob*	
653142	132465	*Bob*	143265	
561324	*Bob*	163425	163542	
516342	123645	123564	*Bob*	
153624				

If for 720 the Single, thus.

132546	123546
Firſt Single	*Laſt Single*
132456	123456

Lon-

London Single Bob.

Hunts 1 3 5.

IN this *Peal* the *Treble* is *Hunt*, and when it comes from behind the Two *Bells*, that it leaves in the Sixth and Fifths Places, Continue *Dodging*, till the *Treble* comes to lead, and then the *Bell* in fourths place goes up, and the *Bell* in fifths comes down (as at a *College Single Bob*;) but at a *Bob*, the *Bell* in fourths place lies ſtill, and the two *Bells* behind continue *Dodging* till the *Treble* parts them; the Method for the *Bobs* is the ſame as in the foregoing *Peal*.

123456				
214365	235146	365214	123564	136245
241356	253416	632541	163425	*Bob*
423165	524361	623451	*Bob*	163254
432615	542631	264315	136452	136524
346251	456213	246135	134625	*Bob*
364521	465123	421653	*Bob*	163542
635412	641532	412635	143652	143265
653142	614523	146253	134562	*Bob*
561324	165432	164523	*Bob*	134256
516342	156342	124365	143526	132465
153624	513624	142635	123645	*Bob*
135264	531642	132546	*Bob*	123456
312546	356124	*Bob*	132654	
321564				

For

For 720 the Singles.

132465	123465
Firſt Single.	*Laſt Single.*
132456	123456

Oxford Single Bob, 360.

Hunts 1 6 4.

THE Courſe of this *Peal*, is the ſame as the foregoing *Peal*, till the leading of the *Treble*, and then the *Bell* in Seconds Place lies ſtill a whole Pull, and the *Bells* in Third and Fourths Places make a *Single Dodge*, except at a *Bob*, and then the *Bell* in Fourths Place lies ſtill a whole Pull, and then moves down to Lead, and the *Bell* in Seconds Place moves up into Fourths Place, and every time the *Half Hunt Dodgeth* behind, a *Bob* muſt be made, except the *Quarter Hunt Dodge* with it, and then not.

123456

123456				
214365	146253	136452	134256	145362
241356	142635	134625	*Bob.*	132465
423165	132546	124536	143265	*Bob.*
432615	135264	*Bob.*	125463	123456
346251	165432	142563	*Bob.*	
364521	164523	153462	152436	
635412	124365	*Bob.*	154263	
653142	*bob.*	135426	*Bob.*	
561324	142356	134562	145236	
516342	152643	*Bob.*	154326	
153624	156234	143526	*Bob.*	
156342				

for 720 the Singles.

132465	123465
First ſingle.	Laſt ſingle.
132456	123456.

Grandſire Double Bob.

Hunts. 1 3 4.

IN this *Peal* the *Treble* hath a direct *Hunting* Courſe, and as ſoon as it Moves out of the Fourths place, the bells in firſt and ſecond places *Dodge* until it comes down and parts them; as ſoon as the *Treble* comes behind, the Bell in Fifths place lies ſtill a whole pull, and the

Bells

Bells in Third and Fourths make a *Single Dodge*, then the *Bell* in Fifths Place goes behind, where it lies a whole Pull, and then moves down to Lead, every *Bell* that comes from behind, when the *Bells* are *Dodging* before, goes no Lower than into the Thirds place, where it lies a whole Pull, and then moves up again; when the *Treble* leads, the *Bell* in fourths place goes up, and the *Bell* in fifths comes down, except at a *Bob*, and then the *Bell* in fourths place lies ſtill, and the *Bells* behind make a *Single Dodge*; and every time the *Half-hunt* is in ſecond or thirds place, a *Bob* muſt then be made, except the *Quarter hunt* be in one of thoſe places, and then not.

123456				
214365	164352	*Bob*	135462	*Bob*
241635	146532	135264	*Bob*	123456
426153	156423	136452	153426	
246513	165243	*Bob*	135642	*For 720 the Singles*
425631	125634	163425	*Bob*	132465
246531	152364	136245	153624	*Firſt Single.*
425613	132546	*Bob*	163542	132456
245163	*Bob*	163254	*Bob*	123465
421536	123564	123645	136524	*Laſt Single.*
412356	153246	*Bob*	132465	123456
143265		132654		
134625				

College

College Double Bob.

Hunts 1 3 5.

THE Course of this *Peal* is the same as *College Single*, only in this it differs, That when the *Treble* moves up from leading, the *Bells* in first and second places *Dodge*, and continue *Dodging* till it comes down again and parts them; every *Bell* that comes into the thirds place, when the *Bells* are *Dodging* before, lies there a *Whole-pull* and then moves up again. The *Bobs* are made after the same manner as in *College Single*, and called by the same Rule.

123456				
214365	145236	*Bob*	*Bob*	*Bob*
241356	154263	123645	163425	143265
423165	126543	143526	123564	163542
243615	162534	*Bob*	*Bob*	*Bob*
426351	153624	134256	132654	136452
246531	135642	136524	134562	132546
425613	164352	*Bob*	*Bob*	*Bob*
245163	146325	163254	143652	123456
421536	132465	136245	134625	
412563				

The Singles *for the* 720 *are the same as in* College Single.

London Double Bob.

Hunts 1 3 5.

IN this *Peal* the *Treble* is *Hunt*, and when it moves up from leading, the two foremoſt *Bells* continue *Dodging* till it comes down and parts them; the *Bell* that comes into thirds place when the *Treble* is *Hunting* up, lies there a *Whole-pull*, and when the *Treble* is behind, the *Bell* in fifths place lies ſtill, and the *Bells* in third and fourths places make a *ſingle Dodge*: when *Treble* leads, the *Bell* in fourths place goes up and the *Bell* in fifths comes down, except at a *Bob* and then the *Bell* in fourth place lies ſtill as in *London Single Bob*, the *Bobs* are the ſame and call'd by the ſame Rule as in that.

123456				
214365	146253	*Bob*	*Bob*	*Bob*
241356	164523	123564	143526	163542
423165	153624	163425	123645	143265
243615	135264	*Bob*	*Bob*	*Bob*
426351	124365	136452	132654	134256
243651	142635	136425	136245	132465
426315	165432	*Bob*	*Bob*	*Bob*
246135	156342	143652	163254	123456
421653	132546	134562	136524	
412635				

The Singles *are the ſame as in* London Single Bob.

Oxford

Oxford Double Bob.

Hunts 1 6 4.

THE Courſe of this *Peal* is the ſame as *Oxford Single*, only that the *Bells* before *Dodge* till *Treble* parts them; and when the *Treble* is behind, the *Bell* in fifths place lies ſtill, and the *Bells* in third and fourths places make a *Single Dodge*; then the *Bell* in fifths place goes behind, and the *Treble Hunts* down to lead. The *Bobs* are made after the ſame manner, and called by the ſame Rule, as in *Oxford Single*.

123456				
214365	146253	*Bob*	*Bob*	*Bob*
241356	142635	142356	143526	145236
423165	165432	124536	134256	154326
243615	164523	*Bob*	*Bob*	*Bob*
426351	153624	142563	143265	145362
243651	156342	153426	125463	132465
426315	132546	*Bob*	*Bob*	*Bob*
246135	135264	135426	152436	123456
421653	124365	134562	154263	
412635				

For 720 *the* Singles *are the ſame as in* Oxford Single.

Court

Court Bob.

Hunts 1 3 5.

IN this *Peal* the *Treble* hath a plain *Hunting* Courſe, and when it moves up from leading, the *Bell* in thirds place lies ſtill, and the two foremoſt *Bells* make a *Single Dodge*; then the *Bell* in thirds place moves up, and likewiſe the *Bell* that firſt took the lead of the *Treble*, and the *Bell* which *Dodged* with it leads a *Whole-pull*, and then makes another *Single Dodge* with the next *Bell* that comes down to it. The *Bell* that happens in thirds place lying ſtill, as before, and then moves up into the fourths place to make room for the *Treble*; when the *Treble* leads, the *Bell* in fourths place goes up behind, and the *Bell* in fifths place comes down (as at a *College Single Bob*) except at a *Bob* and then the *Bell* in fourths place lies ſtill, and the two hindmoſt *Bells Dodge* till *Treble* parts them, as at a *College Single Treble* Leading, and every time the *Half-hunt* is in ſecond or thirds place, a *Bob* muſt be made, except the *Quarter-hunt* be in one of thoſe places with it and then not.

123456				
214365	165432	*Bob*	*Bob*	*Bob*
241356	156342	123564	143526	163542
423165	124365	163425	123645	143265
243615	142635	*Bob*	*Bob*	*Bob*
426351	153624	136452	132654	134256
462531	135264	134625	136245	132465
645213	146253	*Bob*	*Bob*	*Bob*
465123	164523	143652	163254	123456
641532	132546	134562	136524	
614523				

For 720 *the* Singles *are the same as in the foregoing* Peal.

New *London* Peals upon Six BELLS.

Compos'd by *John Patrick* and others.

London Delight.

Hunts 1 3 5.

IN this *Peal* the *Treble* hath a direct *Hunting* Courſe, and when it lies behind, the *Bell* in fifth's place lies ſtill a *Whole-pull*, and the other four make a *Single Dodge*, then the *Bell* in fifths place goes behind, and all the *Bells* go a *Hunting* Courſe, till *Treble* leads, and then the *Bell* in fourth's place lies ſtill, and the two hind *Bells* make a Single Dodge, (and then proceed in their Courſe as before; (at a *Bob*, the *Bell* in fourth's place goes up, and the *Bell* in fifth's comes down, and every time the *Half-hunt* is in ſecond and third's place, (if the *Whole-hunt* lead) a *Bob* muſt then be made, except the *Quarter-hunt* be in one of thoſe places, and then not.

123456				
214365	135642	143526	*Bob*	136452
241635	145236	*Bob*	132654	132546
426153	154263	134256	134562	*Bob*
462513	164352	136524	*Bob*	123456
645231	146325	*Bob*	143652	*For* 720
462531	126543	163254	134625	*the Singles*
645213	162534	136245	*Bob*	132546
654123	132465	*Bob*	143265	132456
561432	*Bob*	163425	163542	123546
516342	123645	123564	*Bob*	123456
153624				

London New Bob.

Hunts 1 5 6.

EVERY *Bell* in this *Peal* hath a *Hunting* Courſe, till the *Treble* comes behind, then the *Bell* in third's place lies ſtill, and the 2 foremoſt *Bells* make a *Single* Dodge; then the *Bell* in third's place moves up, and all the *Bells* go a *Hunting* Courſe, till *Treble* leads, and then the *Bell* in ſeconds place lies ſtill, and the other four make a Single Dodge; except at a *Bob* and then the *Bell* in fourth's place lies ſtill, and the *Bell* in ſecond's place *Hunts* up, and the two hindmoſt *Bells* make a Dodge; and every time

the *Half-hunt Dodges* behind, a *bob* muſt be made except the *Quarter-hunt Dodge* with it, and then not.

123456				
214365	*Bob*	134625	163425	145236
241635	123645	162345	*Bob*	142563
426153	164235	*Bob*	136452	124365
462513	*Bob*	126354	163254	123456
645231	146253	162453	*Bob*	For 729
465321	164352	*Bob*	136245	the Singles
643512	*Bob*	126435	163542	124356
634152	146325	124653	165324	123546
361425	143652	*Bob*	156423	123465
316245	*Bob*	142635	154632	123456
132654				

Lancaſhire Delight.

Hunt 1 2 4

IN this *Peal* the *Treble* is *Hunt*, and when it moves up from leading the *Bells* before *Dodge* till it comes and parts them; and every *Bell* that comes into the third's place, goes no lower but lies there a *Whole-Pull*, and then moves up (except the *Bell* that comes there when *Treble* leads, moves down) when the *Treble* is behind, the *Bell* in fifth's place lies ſtill

a *Whole-pull*, and the *Bells* in third and fourths place make a *Single Dodge*; when the *Treble* leads the *Bell* in fourths place goes up, and the *Bell* in fifth's comes down, except at a *Bob*, and then the *Bell* in fourth's place lies ſtill, and the *Bells* behind make a *Single Dodge*: every time the *Half-hunt* is in ſecond or thirds place, except the *Quarter-hunt* be with it, and then not.

123456				
214365	146532	*Bob*	*Bob*	*For* 720
241635	156423	163425	153624	*the Singles*
426153	165243	136245	163542	132465
246513	125634	*Bob*	*Bob*	132456
425631	152364	163254	136524	123465
246531	132546	123645	132465	123456
425613	*Bob*	*Bob*	*Bob*	
245163	123564	132654	123456	
421536	153246	135426		
412356	*Bob*	*Bob*		
143265	135264	153462		
134625	136452	135642		
164352				

Dunſtable Bob.

Hunts 1 5 6.

IN this *Peal* the *Treble* only, hath a plain *Hunting* Courſe, for as ſoon as it comes behind, the *Bell* in fifth's place lies ſtill a *Whole-*

pull

pull, and the other four make a *Single Dodge*; the two *Bells* that the *Treble* leaves in fifths and ſixth's places Continue *Dodging* till it comes and parts them; (except at a *Bob*) every *Bell* that meets the *Treble* under fourth's place, goes no higher, but lies a *Whole-pull* in fourth's place, and then moves down again: at a *Bob*, the *Bell* in fourth's place goes up, and the *Bell* in fifth's comes down; and every time the *Half-hunt* is in ſecond or third's place, a *Bob* muſt be made, except the *Quarter-hunt* be with it, and then not.

123456			
214365	146325	154632	*Bob*
241356	153624	*Bob*	125463
423165	*Bob*	145362	152436
432615	135264	154326	*Bob*
346251	153246	*Bob*	125346
432651	*Bob*	145236	145623
346215	135426	135642	*Bob*
364125	125634	*Bob*	154263
631452	*Bob*	153462	132465
613425	152364	152643	123456
164352			

For 720 the Singles are the ſame as the former.

Ledbury Bob.

Hunts 1 6 5.

THIS *Peal* is the ſame as the former, except in this: That when the *Treble* is behind, the *Bell* in third's place lies ſtill a *Whole-pull*, and the two foremoſt *Bells* make a *Single Dodge*. The Method for the *Bobs* is the ſame, and they are to be made after the ſame manner, as in the foregoing *Peal*.

123456				
214365	154326	152436	153246	146253
241356	*Bob*	*Bob*	*Bob*	164235
423165	145236	125346	135426	132465
432615	154263	152364	153462	123456
346251	*Bob*	*Bob*	*Bob*	
436521	145623	125634	135642	*For 720 the Singles as before.*
345612	135264	145362	125463	
354162	*Bob*	*Bob*	*Bob*	
531426	153624	154632	152643	
513462				

Albions Delight.

Hunts 1 3 6.

IN this *Peal* the *Treble* is *Hunt*, and as ſoon as it moves out of the fourth's place, the two foremoſt *Bells Dodge*, till the *Treble* comes down and

and parts them; when the *Treble* lies behind, the *Bell* in fifth's place lies ſtill, and the *Bells* in third and fourth's places make a *Single Dodge*; the two *Bells* that the *Treble* (when it comes from behind) leaves in the fifth and ſixth places, *Dodge* till it comes up again and parts them; every *Bell* that meets the *Treble* as it *Hunts* down under the fourth's place, goes no higher but lies a *Whole-pull* in the fourths place, and then moves down to lead; except at a *Bob* and then the *Bell* in fourth's place goes up, and the *Bell* in fifth's place comes down. And the rule for calling them, is the ſame as in the foregoing *Peal.*

123456				
214365	125634	135642	*bob*	*For 720*
241356	152643	134256	153246	*the Singles*
423165	163542	*bob*	135264	132546
243615	136524	143526	*bob*	*Single*
426351	154326	134562	153624	132456
243651	145362	*bob*	143265	
426315	132465	143562	*bob*	
246135	*bob*	123654	134625	12354
421653	123645	*bob*	132546	*Single*
412635	153462	132654	*bob*	123456
146253	*bob*	135426	123456	
164235				

Bridges

Bridges Pleaſure. By J. D.

Hunts 1 3 4.

THE *Treble* only in this *Peal* hath a plain *Hunting* Courſe; for as ſoon as it leaves leading, the *Bell* in ſixth's *Hunts* down into third's place, where it lies a *Whole-pull*, whilſt the two foremoſt *Bells* make a *Single Dodge*; then the *Bell* in third's place, and the *Bell* that firſt took lead of the *Treble* move up, and the other *Bell* leads a *Whole-pull*, and then makes another *Dodge* with the next *Bell* that comes down to it. The *Bell* that then happens in third's place lying ſtill as before, after which every *Bell* hath a *Hunting* Courſe, till the *Dodging* again hinders; when the *Whole-hunt* leads, and the *Half-hunt* happens in ſecond or third's place, a *Bob* muſt then be made, except the *Quarter-hunt* be with it and then not. At a *Bob* the *Bell* in fourth's place lies ſtill, and the two hind *Bells* make a *Single Dodge*.

123456				
214365	425631	541362	165243	———
241635	452361	514632	-	125634
426153	543216	-	143255	152364
246513	453126	156423	134625	———
				164352

164352	136452	132654	*bob*	132465
146532	*bob*	135426	136524	*Single*
132546	163425	*bob*	132465	132465
bob	136245	153462	*bob*	123465
123564	*bob*	135642	123456	*Single*
153246	163254	*bob*	*For 720 the Singles*	123456
bob	123645	153624		
135264	*bob*	163542		

St. *Clements Bob.* *By* J. D.

Hunts 1 3 6.

IN this *Peal* the *Treble* hath a plain *Hunting* Courſe, and as ſoon as it leaves the fourth's place, the two foremoſt *Bells Dodge* till it comes down and parts them; every *Bell* that comes from behind, goes no lower than third's place, excepting that *Bell* that happens there when the *Treble* goes to leads *Hunts* down. When the *Treble* leads, the *Bell* in fourth's place lies ſtill a *Whole-pull*, and the two hindmoſt *Bells* make a *Single Dodge*; at a *Bob* the *Bell* in fourth's place goes up, and the *Bell* in fifth's comes down; and they are called by the ſame Rule, as in the foregoing *Peal*.

123456				
214365	125634	125643	153246	For 720
241635	152643	134256	135264	*the Singles*
426153		*bob*	*bob*	
246513	163542	148526	153624	132546
426531	136524	134562	143265	*Single*
245361	154326	*bob*	*bob*	132456
423516	145362	143652	134625	123546
243156	132465	123564	132546	*Si gle*
421365	*bob*	*bob*	*bob*	123456
412635	123645	132654	123456	
146253	153462	135426		
164235	*bob*	*bob*		

Hankinson's *Good Will.*

Hunts 1 3 5.

IN this *Peal* every *Bell* hath a plain *Hunting* Course; till such time as the *Treble* leaves the fifths place *Hunting* down, and then the *Bell* in thirds place lies still, and the two foremost *Bells* make a *Single-dodge*; then the *Bell* in thirds place moves up into fourths place, where it lies a *Whole-pull*; as likewise does the *Bell* which happens there, when the *Treble* goes to lead; the two hind *Bells Dodge* till the *Trebie* leaves leading. The *Bobs* are made af-

ter

ter the ſame manner, and called by the ſame Rule, as in the foregoing *Peal.*

123456				
214365	135642	123645	123564	*Bob*
241635	145236	143526	*Bob*	136452
426153	154263	*Bob*	132654	132546
462513	164352	134256	134162	*Bob*
645231	146325	136524	*Bob*	123456
654321	126543	*Bob*	143652	
563412	162534	163254	134625	*For 720 the Singles as before.*
653142	132465	136245	*Bob*	
561324	*Bob*	*Bob*	143265	
516342		163425	163542	
153624				

St *Sepulchers Bob.*

Hunts 1 6 4.

IN this *Peal* the *Treble* hath a *Dodging* Courſe after this manner. Firſt, it makes a *Single-dodge* before, the *Bells* in third and fourth's places lying ſtill, then the *Bell* in the fourth's place *Hunts* down, and the *Bell* in third's place *Hunts* up behind, and the *Treble* up in the fourth's place where it lies a *Whole pull*; the *Bell* in third's place lying ſtill alſo, and the two firſt and two laſt *Bells* make a *Single-dodge*; then the

the *Bell* in third's place *Hunts* behind, and the *Treble Hunts* down, and makes a *Single-dodge* before; the *Bells* in third and fourth's places lying ſtill, and the *Bells Dodge* behind till *Treble* leaves leading. When the *Treble* leads, the *Bell* in ſecond's place lies ſtill, and the third and fourth make a *Single-dodge*; except at a *Bob*, and then the *Bell* in ſecond's place *Hunts* up, and the *Bell* in fourth's place lies ſtill, and every time the *Half-hunt Dodges* behind, a *Bob* muſt then be made; except the *Quarter-hunt Dodge* with it, and then not.

Note, *The Treble in this* Peal *and ſome others next following, never goes any higher than the fourth's place, as in the* Peals *pricke down may be ſeen.*

123456				
214365	153624	142563	*Bob*	
124356	156342	153462	152436	*For* 720
213465	165432	*Bob*	154263	*the Sin-*
231645	164523	135426	*Bob*	*gles.*
326154	146253	134562	145236	
236145	142635	*Bob*	154326	132465
321654	124365	143526	*Bob*	132456
312564	*Bob*	134256	145362	123465
135246	142356	*Bob*	132465	123456
315264	124536	143265	*Bob*	
132546	*Bob*	125463	123456	
135264				

Cripple-

Cripple-Gate Bob.

Hunts 1 3 4.

THE *Treble* in this *Peal* hath the ſame Courſe as in the foregoing *Peal*; and when it *Dodges* the two *Bells* in third and fourth's places lie ſtill, the *Bells* behind *Dodge* till the *Treble* comes to lead its *Whole-pull*; and then the *Bell* in fourths place goes up, and the *Bell* in fifths comes down, and ſo on to the end of the *Peal*; except at a *Bob*, and then the *Bell* in fourths place lies ſtill, and every time the *Half-hunt's* in ſecond or third's place, a *Bob* muſt be made, except the *Quarter-hunt* be with it.

123456				
214365	164352	135264	*Bob*	
124356	146532	136452	153462	*For* 720
213465	*Bob*	*Bob*	135642	*the Sin-*
231456	156423	163425	*Bob*	*gles as*
324165	165243	136245	153624	*before.*
342156	125634	*Bob*	163542	
431265	152364	163425	*Bob*	
413256	132546	123645	136524	
142365	*Bob*	*Bob*	132465	
412356	123564	132654	*Bob*	
143265	153246	135426	123456	
134625	*Bob*			

St. *Lawrence*

the *Bell* in third's place *Hunts* behind, and the *Treble Hunts* down, and makes a *Single-dodge* before; the *Bells* in third and fourth's places lying ſtill, and the *Bells Dodge* behind till *Treble* leaves leading. When the *Treble* leads, the *Bell* in ſecond's place lies ſtill, and the third and fourth make a *Single-dodge*; except at a *Bob*, and then the *Bell* in ſecond's place *Hunts* up, and the *Bell* in fourth's place lies ſtill, and every time the *Half-hunt Dodges* behind, a *Bob* muſt then be made; except the *Quarter-hunt Dodge* with it, and then not.

Note, *The Treble in this* Peal *and ſome others next following, never goes any higher than the fourth's place, as in the* Peals *prickt down may be ſeen.*

123456				
214365	153624	142563	*Bob*	
124356	156342	153462	152436	*For* 720
213435	165432	*Bob*	154263	*the Sin-*
231645	164523	135426	*Bob*	*gles.*
326154	146253	134562	145236	
236145	142635	*Bob*	154326	132465
321654	124365	143526	*Bob*	132456
312564	*Bob*	134256	145362	123465
135246	142356	*Bob*	132465	123456
315264	124536	143265	*Bob*	
132546	*Bob*	125463	123456	
135264				

Cripple-

Cripple-Gate Bob.

Hunts 1 3 4.

THE *Treble* in this *Peal* hath the ſame Courſe as in the foregoing *Peal*; and when it *Dodges* the two *Bells* in third and fourth's places lie ſtill, the *Bells* behind *Dodge* till the *Treble* comes to lead its *Whole-pull*; and then the *Bell* in fourths place goes up, and the *Bell* in fifths comes down, and ſo on to the end of the *Peal*; except at a *Bob*, and then the *Bell* in fourths place lies ſtill, and every time the *Half-hunt's* in ſecond or third's place, a *Bob* muſt be made, except the *Quarter-hunt* be with it.

123456				
214365	164352	135264	*Bob*	
124356	146532	136452	153462	*For* 720
213465		*Bob*	135642	*the Sin-*
231456	156423	163425	*Bob*	*gles as*
324165	165243	136245	153624	*before.*
342156	125634	*Bob*	163542	
431265	152364	163425	*Bob*	
413256	132546	123645	136524	
142365	*Bob*	*Bob*	132465	
412356	123564	132654	*Bob*	
143265	153246	135426	123456	
134625	*Bob*			

St. *Lawrence*

St. *Lawrence Bob.*

Hunts 1 3 6,

THE *Treble* hath the ſame Courſe in this as in the two foregoing *Peals*; and when it *Dodgeth*, the *Bells* in third and fourth's places lie ſtill, and a *Single-dodge* is made behind; then the *Bell* in third's place *Hunts* up, and parts the two hind *Bells*, the *Bell* in fifth's place comes down, and the *Treble* goes into fourth's, place where it lies a *Whole-pull*, whilſt another *Single-dodge* is made behind; then the *Treble Hunts* down to lead, but firſt it makes another *Dodge* before; the *Bells* in third and fourth's places lying ſtill, and then it leads a *Whole-pull*; the *Bell* in fourths place lying ſtill, and the two hind *Bells Dodge* till it moves up into the fourth's place again. At a *Bob* the *Bell* in fourths place goes up and the *Bell* in fifth's comes down. And they are called after the ſame manner, as in the foregoing *Peal.*

123456				
214365	163542	*Bob*	*Bob*	*Bob*
124356	136524	123645	143256	153264
213465	146253	153426	163524	143625
231645	164235	*Bob*	*Bob*	*Bob*
326154	154326	135246	136254	134265
362145	145362	134652	135462	132546
631254	125634	*Bob*	*Bob*	*Bob*
613524	152643	143562	153642	123456
165342	132465	134526	135624	
615324				

Alteration of Hunts Single Bob Method.

THE Courſe of this *Peal* is the ſame as in *College Single-Bob* with one *Hunt*, therefore the chief thing to be obſerved herein, when the *Hunt* is altered, which *Bell* takes the *Hunts* place, and likewiſe to make the foreſaid alteration in its proper place; now in this *Peal* every *Bell* goes *Hunt* for two leadings, and firſt the *Treble* is *Hunt* till the ſecond time comes to lead; and then a *Dodge* is made by , and the *Bell* lying next it (which is the urth,) then the *Treble* leads a *Whole-pull*, and e fourth goes *Hunt* in the *Treble*'s place; now hen the fourth has *Hunted* two leadings, the

ſame alteration is to be made again, between the fourth and the *Bell* that lies next it, (which is third) as was before made between the *Treble* and fourth; and this method is to be continued throughout the *Peal.* And obſerve that at an alteration of the *Hunt*, the *Bell* in third's place lies ſtill, the *Bell* in fourths place goes up, and the *Bell* in fifth's comes down. The *Bobs* are in courſe at the end of every ten leadings, and made after the ſame manner as in *College-Single.*

But Note, *That at a* Bob *there is no alteration made in the* Hunt, *but the ſame* Hunt *continues till the ſecond leading after the* Bob.

123456				
214365	516342	342516	254136	312456
241356	153624	312645	234651	132546
423165	135642	321654	243615	*Bob*
432615	145236	351426	213546	123456
346251	415326	531246	*Bob*	
364521	425613	541632	231456	
635412	452631	514623	321546	
653142	432156	524316	*Bob*	
561324				

Alteration

Alterations of Hunts.

THE Courſe of this *Peal* is the ſame as the foregoing *Peal*, ſaving only that in this there is an alteration made in the *Hunt* every leading; the firſt leading *Treble* is *Hunt*, and when it comes to lead there is an alteration then made by the *Bell* next it making a *Dodge* with it, which is fifth, and the fifth goes *Hunt*, and when it comes to lead the ſame alteration is to be made again, and this muſt be continued throughout the *Peal*; the *Bobs* are the ſame, but you muſt obſerve to call them by this Method, the third leading, the ſecond leading after, and the fifth leading after which carries the firſt Sixſcore, and the ſame Method goes the next Sixſcore, and ſo on to the end of the *Peal*.

But Note, *That at an Alteration of the* Hunt *in this* Peal, *the* Bells *in third and fourth's places lie ſtill.*

123456				
214365	146253	421563	354162	632451
241356	156342	241536	364251	652134
423165	*Bob*	231645	*Bob*	562143
432615	165432	*Bob*	346521	542361
346251	135264	213465	326145	452316
364521	315246	263514	236154	412653
635412	345612	623541	256431	142635
653142	435621	643125	526413	132546
561324	425136	*Bob*	516324	*Bob*
516342	245163	634215	*Bob*	123456
153624	265341	614532	561234	-
513642	625314	164523	531462	
543216	615423	124365	351426	
453261	*Bob*	214356	321654	
463152	615243	254613	*Bob*	
Bob	641352	524631	312564	
436512	461325	534126	362415	
416235				

Alteration of Hunts.

THE Courſe of this *Peal* is the ſame as the preceeding *Peal*, except at a *Bob*, for whereas in the preceeding *Peal* at a *Bob* the *Bell* in fourth's place moves up, and the *Bell* in fifth's comes down; on the contrary in this the *Bell* in fourth's place lies ſtill at a *Bob* and

and the two hind *Bells* continue *Dodging* till the *Hunt* parts them; the Method for *Bob*s are thus, The firſt *Bob* is made at the third leading, the ſecond three leadings after the firſt, and the third four leadings after the ſecond, which finiſhes the firſt Sixſcore; and the ſame Courſe and Method muſt be obſerved throughout the *Peal* as by the Subſequent Figures may be ſeen.

123456				
214365	426531	216453	631425	153462
241356	246513	126435	361452	513426
423165	216345	136524	351264	523614
432615	126354	316542	531246	*Bob*
346251	156423	346215	541632	532641
364521	*Bob*	*Bob*	*Bob*	523614
635412	165432	364251	514623	253641
653142	135264	354162	524316	462351
561324	315246	535126	254361	642315
516342	345612	524631	264135	612543
153624	435621	254613	624153	162534
135642	425136	214356	634521	132465
543216	245163	*Bob*	*Bob*	*Bob*
453261	265341	241365	643512	123456
463152	*Bob*	261543	613245	
Bob	256314	621534	163254	
436125				

The Courſe of this *Peal* is the ſame with the foregoing *Peals*; only it differs in the Alteration of the *Hunts*, for whereas in the firſt of theſe *Peals*; the *Hunt* is altered every ſecond leading; in this it is only alter'd at a *Bob*, ſo that whatſoever *Bell* takes the *Hunts* place, at the firſt *Bob* continues *Hunt*, until the next *Bob*. And obſerve, That at every Alteration, the *Bells* in third's aud ſixth's places lie ſtill; and the *Bell* in fourth's place goes up, and the *Bell* in fifth's comes down; and you muſt make the firſt *Bob*, the fifth leading the ſecond, two leadings after the firſt, and the third *Bob*, three leadings after the ſecond, and ſo on to the end of the *Peal*.

123456
214365
241356
423165
432615
346251
364521
635412
653142
561324
516342
153624
135642
145236
154263

164352
146325
126543
162534
132465
Bob.
312645
342516
324561
364125
634215
614532
641523

621345
612354
652413
Bob.
562143
542361
524316
514623
541632
531246
513264
563412
536421

526134
Bob
256314
216453
261435
231564
Bob.
321654
351426
315462
365214
356241
346152

Bob.
436512
416235
461235
451362
415326
425613
452631
432156
423165
463521
Bob
643251
653142

653142	*Bob*	254136	—•—	123456
635124	265341	234651	213546	———
625431	245163	243614	*Bob*	

Alteration of Hunts, Court-Bob way.

THE principal Courſe of this *Peals* is the ſame as in Court *Bob*, with one *Hunt*; excepting the Alterations that are made in the *Hunt*; (which in this *Peal* is every time the *Hunt* comes to lead;) muſt be made after the ſame manner, as in the preceding *Peals*. Obſerving that at every Alteration, the *Bells* in third and fourth's places lie ſtill, and the two hind *Bells Dodge* till the *Hunt* parts them; except at a *Bob*, and then the *Bells* in third and fifth's places *Hunt* down, and ſecond and fourths place *Hunts* up. The Method for the *Bobs* in this *Peal*, is the fifth leading of the *Hunt*, the next leading after, and the fourth leading after; which finiſhes the firſt Sixſcore; the ſame method carries on the remaining part of the *Peal*.

123456				
214365	213465	543216	513642	436512
241356	*Bob*	453261	524631	421563
423165	231645	416235	*Bob*	241536
243615	245613	146253	542361	263514
426351	*Bob*	135264	516324	623541
462531	254163	315246	156342	614532
645213	236154	364251	124365	164523
465123	326145	*Bob*	214356	132546
641532	354162	346521	265341	*Bob*
614523	534126	312564	625314	123456
165432	562143	*Bob*	641352	
615423	652134	321654	461325	
632451	643125	345612	452316	
362415	*Bob*	435621	*Bob*	
351426	634215	412653	425136	
531462	651243	142635	463152	
526413	561234	153624	*Bob*	
256431				

The Courſe of this *Peal* is the ſame as *Court-Bob*, with one *Hunt*; and it differs from the foregoing *Peal*, that the Alteration of the *Hunt*, is only at ſuch times as a *Bob* is to be made; ſo that a *Bell* goes *Hunt* from *Bob* to *Bob*; at an Alteration of the *Hunt*, the *Bells* in third and fourth's places lie ſtill; but at a conſtant leading of the *Hunt*, the *Bells* in third and fifth's places *Hunt* down, and ſecond and fourth up. The Methods of calling the *Bobs* are

the

the fifth leading, the fourth leading after, and the next leading after; which *Bob* ends the firſt Courſe or Sixſcore of the *Peal*; the ſame Method being obſerved carries the *Peal* 360 *Changes*; as followeth.

123456				
214365	164523	643125	254613	*bob*
241356	132546	634215	231645	543216
423165	*bob*	651243	*bob*	561234
243615	312564	615423	321654	516324
426351	346521	632451	345612	542361
462531	364251	623541	*bob*	524631
645213	315246	614532	435621	513642
465123	351426	641352	412653	531462
641532	362415	625314	421563	526413
614523	326145	*bob*	436512	*bob*
165432	354162	265341	463152	256431
156342	*bob*	214356	425136	213465
124365	534126	241536	452316	*bob*
142635	562143	263514	461325	123456
153624	*bob*	236154	416235	
135264	652134	245163	453261	
146253				

Alteration of Hunts Double Bob way.

THE Courſe of this *Peal* is the ſame as Double *Bob*, with one *Hunt*; excepting that every time the *Hunt* comes to lead, (except

cept at a *Bob*) an alteration is then to be made, according to the ſame general method as in *Single Bob*; at which alteration the *Bell* in third's place lies ſtill, the *Bell* in fourth's goes up, and the *Bell* in fifth's come down; but at a *Bob*, there is no alteration made in the *Hunt*, for the ſame *Hunt* continues till the next leading, and the *Bell* in third's place moves down, and the *Bell* in fourth's place lies ſtill. The Method for calling the *Bobs* is the ſame as in the foregoing *Peal*.

123456				
214365	254136	652413	364125	*bob*
241356	213546	562143	312645	563412
423165	*bob*	514623	*bob*	541632
243615	231564	154263	321654	451362
426351	256314	126543	365214	436512
246531	526134	216453	*bob*	346152
425613	513264	245163	356241	315462
245163	153624	425613	324561	135642
421536	162534	461253	234651	164352
412563	612354	*bob*	265341	*bob*
145236	635124	416235	625431	146325
415326	*bob*	423165	643251	132465
432156	653142	243615	463521	*bob*
342516	614532	261435	452631	123456
351426	*bob*	621345	542361	
531246	641532	634215	536421	
524316				

Of

Of Trebble Bob.

SO called from the conſtant *Dodging* courſe that is aſſigned unto the *Treble*; for whereas in all other *Peals* where the *Treble* has a plain *Hunting* Courſe; the courſe or length of a *Treble* leading is no more than twelve *Changes*, but in the following *Peals* the *Tribble* having a double Courſe, by *Dodging* before, in the middle, and behind, (before and after having lain ſtill, or led a *Whole-pull*,) that courſe is doubled, ſo that every leading contains twenty four *Changes*, and the Courſe of each *Peal* without a *Bob* is 120, and by making three *Bobs* they will go Eighteenſcore, but by making nine *Bobs* they will go 720 Compleat *Changes* without a *Single*; as by the following *Peals* and Directions will more plainly appear.

Oxford Treble Bob.

Hunts 1 3.

THE *Treble* in this *Peal* hath a *Dodging* Courſe after this manner, Firſt it makes a *Single-Dodge* before, then it *Hunts* up into the fourths

fourth's place; where it makes another *Dodge*, by coming back again into the third's place, then it *Hunts* directly up behind; and as ſoon as it comes behind, it makes another *Dodge* by coming back into the fifth's place, and then it goes behind again, where it lies a *Whole-pull*, and then goes into fifth's place and makes another *Dodge*, back again into the ſixth's place, then it *Hunts* down into the third's place, where it makes another *Dodge*, by going back into fourth's place, and then *Hunts* down to lead, and as ſoon as it comes before it makes another *Dodge*, and then leads a *Whole-pull*. This is the Courſe of the *Treble*, and that *Bell* that takes firſt the lead from the *Treble*, continues to lead a *Whole-pull*, and lie a *Pull* in ſecond's place, till ſuch times as the *Treble* comes to lead again; when the *Treble Dodgeth* behind, the *Bells* in third's and fourth's places make a *Single Dodge*; when it *Dodges* before, the *Bells* in third and fourth's places lie ſtill, and a *Single Dodge* is made behind. When it leads the *Bell* in fourths place goes up, and the *Bell* in fifth's comes down; except at a *Bob*, and then the *Bell* in fourth's place lies ſtill, and a *Double Dodge* is made behind, and every time the *Half-hunt* makes a *Change* next *Whole-hunt*, a *Bob* muſt be made, and three *Bobs* goes

Eighteen-

Eighteenſcore *Changes*; but to go 720 without a *Single*, obſerve the following Direction.

123456				
214365	265341	123465	135264	123456
124356	256431	213456	132546	
213465	524613	124365	*Bob*	
231645	526431	142635	123564	
326154	254613	146253	132654	
321645	245163	164523	*Bob*	
231154	421536	165432	123645	
263514	425163	156343	132465	
625341	241536	153624	*Bob*	
623514	214356			

Directions to go 720 without a Single.

IN all *Treble Bobs* where the *Bell* in ſeconds place lies ſtill, with the *Whole-hunt* at the *Dodges*; this Rule muſt be obſerved, to go Eighteenſcore with a *Whole* and a *Half-hunt* with three *Bobs*, as it is prickt every time the *Half-hunt* comes into ſixth place, and the *Whole-hunt* lead, make a *Bob*; or every time the *Half-hunt* comes into fifth's place make a *Bob*; this will go Eighteenſcore, but to go 720 you muſt make uſe of a *Quarter-hunt*, and when the *Half-hunt* comes into fifth or ſixth places, make a *Bob*, except

except the *Quarter-hunt* be in one of thoſe places and then not, and this will go 720 without a *Single.*

And in all *Peals* where the *Bell* in fourth's place lies ſtill (at the leadings of the *Whole-hunt*) at the *Dodges*; this Rule muſt be obſerved every time the *Half-hunt* is in ſecond or third's place, a *Bob* muſt be made, and three *Bobs* goes Eighteenſcore, but for 720 you muſt uſe a *Quarter-hunt*, and then, if the *Quarter-hunt* be in one of thoſe places with the *Half-hunt*, then not, this with nine *Bobs* will go 720 *Changes* without a *Single*; as in the following example may be ſeen.

The Bobs for 720. Oxford Trebble Bob.

Hunts 1 3 5.

132546			
Bob	134562	163254	*Bob*
123564	*Bob*	136524	123456
163425	143526	*Bob*	———
Bob	123645	163542	
136452	*Bob*	143265	
134625	132654	*Bob*	
Bob	136245	134256	
143652	*Bob*	132465	

Colleg

College Treble Bob.

Hunts 1 3 6.

THE *Treble* hath the like *Dodging* courſe in this as in the preceeding *Peal*, and when it *Dodges* before, the *Bells* in third and fourth's places lie ſtill, and the two hind *Bells* make a *Single Dodge*; when it *Dodges* in the middle the *Bell* in ſecond place lie ſtill, and another *Single Dodge* is made behind when it leaves the fourth's place the *Bell* in third's place lies ſtill, and the two foremoſt *Bells* make a *Single Dodge*; when it *Dodges* behind, the *Bell* in fourth's place lies ſtill, when it lies behind, the two foremoſt *Bells* make a *Single Dodge*. When it leaves the fifth's place *Hunting* down, a *Single Dodge* is made before, when it leads, the *Bell* in fourth's place lies ſtill, except at a *Bob*, and then the *Bell* in fourth's place goes up, and the *Bell* in fifth's comes down, and they are called by the ſame Rule, as in the foregoing *Peal*.

123456		
214365	456213	152643
124356	546123	146253
213465	451632	164235
231645	456123	132465
326154	541632	*Bob*
321645	514362	123645
236154	153426	132654
326514	513462	*Bob*
235641	154326	123564
253614	145362	132546
526341	163542	*Bob*
256431	136524	123456
524613	125634	
542631		

The Method for 720 *is the ſame as in the preceeding Peal.*

College Pleaſure.

Hunts 1 3 6.

THE Courſe of this *Peal* is the ſame as *Oxford Treble Bob*, till the *Treble* comes to *Dodge* behind, and then the *Bells* in third and fourth's places lie ſtill, and the two foremoſt *Bells Dodge*, till the *Treble* hath finiſht its Courſe

Courſe behind; but obſerve, when it lies ſtill behind, the *Bell* in third's place lies ſtill only) and then the ſame Courſe muſt be obſerved in the *Hunting* of it down, as was in its *Hunting* up. The Method for the *Bobs*, either for the 360 or 720, is the ſame as in the foregoing *Peal.*

123456	625341	362145	164235	132654
214365	265314	631254	154326	*Bob*
124356	623541	613524	145362	123564
213465	263451	165342	125634	132546
231645	624315	615324	152643	*Bob*
326154	264351	163542	132465	123456
321645	623415	136524	*Bob*	
236154	632145	146253	123645	
263514	361254			

Now the Practitioner being perfect in theſe ree *Peals*, he may then proceed to the next llowing; which is to Ring an Eighteenſcore ithout a *Bob*, as followeth.

Crown Bob.

Eing a Compoſition of Three *Peals*, *viz.* *Oxford Treble Bob*, *College Pleaſure*, and *ege Treble Bob.* The firſt *Treble* leading of

this *Peal* muſt be Rung by the ſame Courſe as *Oxford Treble Bob*; the ſecond *Treble* leading by the Courſe of *College Pleaſure*; and the third leading by the Courſe of *College Treble Bob*, which Courſe muſt be continued throughout the *Peal*, and five leadings of each *Peal* compleats an Eighteenſcore. As in the following example may be ſeen.

The Treble leadings.

	123456			152364			154263
Ox.	124365		*C. T.*	163254		*C. P.*	134625
	142356			136245			143652
C. P.	162543		*Ox.*	132654		*C. T.*	156342
	126543			123645			165324
C. T.	145623		*C. P.*	153462		*Ox.*	146253
	154632			135426			164235
Ox.	156423		*C. T.*	124536		*C. P.*	163542
	165432			142563			136524
C. P.	125346		*Ox.*	145236		*C. T.*	132465
							123456

The three firſt leadings at length.

123456				
214365	236154	524613	241536	413265
124356	263514	526431	214356	143256
213465	625341	254613	123465	412365
231645	623514	245163	213456	421635
326154	265341	421536	124365	246153
321645	256431	425163	142356	241635
				426153

426153	261453	216534	425316	145623
462513	264135	261354	452361	
645231	621453	623145	543216	154632
465213	612543	621354	453126	*&c.*
642531	165234	263145	541362	
462351	615243	623415	543126	
643215	162534	264351	451362	
463251	126543	246315	415632	
642315	215634	423651	146523	
624135	125643	243561	416532	

Morning Star.

Hunts 1 6.

THE *Treble* in this *Peal* hath the ſame Courſe as in the former *Peals*; and when it *Dodges* behind the *Bells* in third and fourth's places lie ſtill, and the two foremoſt *Bells* make a *Single Dodge*, otherways it is the Courſe of *Oxford Single*, till the leading of the *Treble*, and then the *Bell* in ſecond's place lies ſtill and the other four *Dodge*; except at a *Bob*, the *Bell* in ſecond's place goes up, and the *Bell* in fourth's place lies ſtill. The *Bobs* are made according to the preceeding general Rule.

123456				
214365	265314	321654	165432	*Bob*
124356	623541	312564	164523	134256
213465	632451	135246		132456
231645	364215	315264	146253	*Bob*
326154	634251		142634	123456
321645	362415	132546	124365	
236154	326145	135264	*Bob*	
263514	231654		142356	
625341	236145	153624	143265	
		156324		

For 720 1 6 4. *may be* Hunts *or others at pleaſure.*

Evening Star.

Hunts 1 3.

THE Courſe of this *Peal* is the ſame as the former, till ſuch time as the *Treble* has left *Dodging* in the Middle, and then the *Bell* in third's place lies ſtill, and the two foremoſt *Bells* make a *Single Dodge*, when the *Treble Dodges* behind, the *Bell* in ſecond's place lies ſtill, and third's and fourth's places *Dodge*; when it leaves the fifth's place *Hunting* down they make another *Single Dodge* before; when it leads, the *Bell* in fourth's place lies ſtill, except

cept at a *Bob*, then the *Bell* in fourth's place goes up, and fifth's comes down, the *Bobs* as before.

123456				
214365	236514	531462	164352	*bob*
124356	325641	513642	146325	123564
213465	352461	156324	126543	132546
231645	534216	516342	162534	*bob*
326154	532461	153624	132465	123456
321645	354216	135642	*bob*	
236154	534126	145236	123645	
326514	351462	154263	132654	
235641	354126			

London Delight.

Hunts 1 5.

THE Courſe of this *Peal* is the ſame as the former; excepting that when the *Treble* lies ſtill behind, a *Single Dodge* is made by the two foremoſt *Bells* (the *Bell* then happening in third's place lying ſtill) and when *Treble* leads, the *Bell* in ſecond's place lies ſtill, and the *Bells* in third and fourth's make a *Single Dodge*; at a *Bob* the *Bell* in ſecond's place goes up, and fourth's place lies ſtill.

123456				
214365	236514	321465	156423	*Bob*
124356	325641	312645	154632	134256
213465	235461	136254	145236	132465
231645	324516	316245	142563	*Bob*
326154	325461	132654	124365	123456
321645	234516	136245	*Bob*	
236154	324156	163542	142356	
326514	231465	165324	143265	
235641	234156			

Morning Pleasure.

Hints 1 3.

THIS *Peal* hath the same Course as *Oxford Treble Bob*; excepting that when the *Treble* lies still behind, the *Bell* in third's place lies still, and the two foremost *Bells* make a *Single Dodge*; when *Treble* leads, the *Bell* in fourth's place lies still; but at a *Bob* it goes up, and the *Bell* in fifth's place comes down: The *Bobs* must be made according to the general Rule, either for Eighteenscore, or 720.

123456				
214365	623514	641235	126543	*Bob*
124356	265341	614325	162534	123564
213465	625431	163452	145236	132546
231645	264513	613425	154263	123456
326154	265431	164352	132465	
321645	624513	146325	*Bob*	
236154	642153	153624	123645	
263514	461235	135642	132654	
625341	462153			

Primrose.

Hunts 13.

THE *Treble* hath the ſame Courſe in this as in the foregoing *Peal*; and when it *Dodges* before, the *Bell* in third's place lies ſtill, and the *Bell* in ſixth place *Hunts* directly down; then the *Bell* that was in third's place goes up into the fourth's place, where it lies another *Pull*, the two *Bells* behind *Dodge* till the *Treble* comes up and parts them; when the *Treble* hath left *Dodging* in the middle, the two foremoſt *Bells* make a *Dodge*; when it lies ſtill behind, another *Dodge* is made by the two foremoſt *Bells*, when it *Dodges* behind the *Bell* in

fourth's place lies ſtill, when it *Hunts* down from behind, the two foremoſt *Bells* make another *Dodge*, when it leads the *Bell* in fourth's place goes up, and that in fifth's comes down, except at a *Bob*, and then the *Bell* in fourth's place lies ſtill, and the two hindmoſt *Bells* make a *Single Dodge*. The Method for the *Bobs* are the ſame as before.

123456				
214365	524631	154362	146532	123456
124635	254361	514632	132546	
216453	523416	156423	*Bob*	
261435	532461	165243	123564	
624153	354216	143265	132654	
621435	534126	134625	*Bob*	
264153	351462	125634	123645	
624513	354126	152364	132465	
265431	531462	164352	*Bob*	
256413	513426			

Tulip.

Hunts 1 6.

THE *Treble* hath the like *Dodging* Courſe in this as in the former *Peals*; and when it *Dodges* before, the *Bell* in third's place lies ſtill;

ſtill; when it *Dodges* in the middle, a *Single Dodge* is made behind; when it leaves *Dodging* in the middle (*Hunting* up) a *Single Dodge* before; when it *Dodges* behind, the *Bell* in fourth's place lies ſtill, when it lies ſtill behind, the *Bell* in third's place lies ſtill, and a *Single Dodge* is made by the two foremoſt *Bells*; when it leaves fifth's place *Hunting* down, another *Single Dodge* before; when it leads the *Bell* in ſecond's place lies ſtill, and the other four make a *Single Dodge*; except at a *Bob*, and then the *Bell* in ſecond's place goes up, and the *Bell* in fourth's place lies ſtill; the *Bobs* are call'd according to the preceeding general Rule, for Eighteenſcore when the *Half Hunt Dodges* behind, for 720 every time it *Dodges* behind, except with the *Quarter*, and then not any *Bell* may be *Half* or *Quarter Hunt* at pleaſure.

123456				
214365	236514	341562	156423	*bob*
124635	325641	314652	154632	134256
216453	235461	136425	145236	132465
261543	324516	316245	142563	*bob*
625134	342561	132654	124365	123456
621543	435216	136245	*bob*	
265134	345126	163542	142356	
625314	431562	165324	143265	
263541	435126			

IN

Violet. *Hunts* 1 3.

IN this *Peal* the *Bell* that firſt takes the lead from the *Treble*, continues to lead a *Pull*, and lies a *Pull* in ſecond's place, till ſuch time as the *Treble* comes to lead again; when the *Treble Dodges* behind, the *Bell* in ſecond's place lies ſtill, and third and fourth's places make a *Single Dodge*; when it leads, the *Bell* in fourth's place lies ſtill, but at a *Bob* it goes up, and the *Bell* in fifth's comes down.

123456				
214365	526314	241365	146253	*bob*
124635	253641	214635	164235	123564
216453	235461	126453	163542	132465
261543	324516	216543	136524	*bob*
625134	325461	125634	132465	123456
621543	234516	152643	*bob*	
265134	243156	154326	123645	
256314	421365	145362	132654	
523641	423156			

Cheapſide Bob.

Hunts 1 3.

IN this *Peal* when the *Trbele Dodges* in the middle, the *Bells* in fifth's and ſixth's places lie ſtill, and the two foremoſt *Bells* make a *Single*

Single Dodge; when it *Dodges* behind, the *Bells* in third and fourth's places lie ſtill, and another *Single Dodge* is made before; when it *Dodges* before, the *Bell* in third's place lies ſtill, when it leads, the *Bell* in fourth's place goes up, and fifth's comes down; but at a *Bob* the *Bell* in fourth's place lies ſtill.

123456				
214365	643215	621453	153624	*Bob*
124635	462351	612435	135264	123645
216453	426531	164253	146253	132465
261435	245613	614523	164523	*Bob*
624153	425631	165432	132546	123456
261453	246513	156342	*Bob*	
624135	264153	124365	123564	
642315	621435	142635	132654	
463251	264135			

Symphony. By J. D.

Huntſ 1 3.

IN this *Peal* when the *Treble Dodges* before, the *Bell* in fifth and ſixth's places lie ſtill; when *Dodges* in the middle, the *Bell* in ſecond's place lies ſtill, and the two hind *Bells* make a *Single Dodge*; when it *Dodges* behind, the *Bell* in fourth's place lies ſtill; when it lies behind, the

the *Bell* in third's place lies ſtill, and the two foremoſt *Bells* make a *Dodge*; when it leads, the *Bell* in fourth's place lies ſtill, but at a *Bob* goes up.

123456				
214365	264513	631542	126543	*Bob*
123465	625431	613452	162534	123564
214356	265341	164325	145236	132546
241536	623514	613425	154263	*Bob*
425163	632541	164352	132465	123456
421536	365214	146325	*Bob*	
245163	635124	153624	123645	
425613	361542	135642	132654	
246531	365124			

Weſtminſter Bob. By J. D.

Hunts 1 6.

IN this *Peal* the *Bells Dodge* behind, till *Treble* parts them, when it *Dodges* before, the *Bell* in third and fourth's places lie ſtill, when it *Dodges* in the middle, the *Bell* in ſecond's place lies ſtill; when it leaves the fourth's place *Hunting* up, or fifth's *Hunting* down, the *Bell* in third's place lies ſtill, and the two foremoſt *Bells* make a *Single Dodge*; when it *Dodges* behind the *Bell* in ſecond's place lies ſtill, and

thir

hird and fourth's make a *Dodge*, when it lies be-
ind, the *Bell* in third's place lies ſtill, and the
wo foremoſt *Bells Dodge*; when it leads, the
Bell in ſecond's place lies ſtill, and the *Bell* in
hird and fourth make a *Single Dodge*; except
t a *Bob*, and then the *Bell* in ſecond's place
goes up, and the *Bell* in fourth's place lies
ill. The *Bobs* for 360, or 720, are ac-
ording to the general Rule.

123456				
214365	234615	321546	165432	*Bob*
124356	326451	312564	164523	134256
213465	236541	135246	146253	132465
231456	325614	315264	142635	*Bob*
324165	326541	132546	124365	123456
321456	235614	135264	*Bob*	
234165	325164	153624	142356	
324615	231546	156342	143265	
336451	235164			

College Delight.

Hunts 1 3.

IN this *Peal* when *Treble Dodges* before, the
Bells in third and fourth's places lie ſtill;
hen it *Dodges* in the middle, the *Bells* in
fth and ſixth's places lie ſtill, and the two
fore-

foremoſt *Bells* make a *Dodge*; when it *Dodg* behind, the *Bell* in ſecond's place lies ſtill, a third and fourth's make a *Single Dodge*; whe it lies behind, the *Bell* in fifth's place lies ſt and the other four make a *Dodge*; when it lead the *Bell* in fourth's place goes up, and the *B* in fifth's comes down, but at a *Bob* the *Bell* fourth's place lies ſtill.

123456				
214365	632415	461325	124365	*Bob*
124356	364251	416235	142635	12364
213465	632451	142653	165432	13246
231645	364 15	412635	156342	*Bob*
326154	362451	146253	132546	12345
231654	634215	164523	*Bob*	
326145	643125	153524	123564	
362415	461352	135264	132654	
634251	643152			

London Scholars Pleaſure. By J. D

Hunts 1 3.

THE Courſe of this *Peal* is the ſame as *O ford Treble Bob*, until the *Treble* comes *Dodge* behind, and then the *Bell* in third a fourth's place lie ſtill, and the two foremo

B

Bells make a *Dodge*; when it lies behind, the *Bell* in fifth's place lies ſtill, and the other four make a *Dodge*; when it leads, the *Bell* in fourth's place goes up and the *Bell* in fifth's comes down; but at a *Bob* the *Bell* in fourth's place lies ſtill.

123456				
214365	265314	615423	135264	123645
124356	623541	164532	146253	132465
213465	265341	614523	164523	*Bob*
231645	623514	165432	132546	123456
326154	263541	156342	*Bob*	
321645	625314	124365	123564	
236154	561243	142635	132654	
263514	562134	153624	*Bob*	
625341	651243			

Evening Delight.

Hunts 1 3.

IN this *Peal* the *Treble* only *Dodges* before, then it *Hunts* up behind, where it lies a *Whole Pull*, and then *Hunts* down into the third's place, where it lies another *Whole Pull*, and then *Hunts* up again, and lies another *Pull* behind, before it *Hunts* down to lead; when the *Treble* leaves the fourth's place, the firſt time

it

it *Hunts* up, the two foremoſt *Bells Dodge*, till the *Treble* has lain a *Pull* behind; when the *Treble* lies in third's place, the *Bell* in fourth's place lies ſtill, and the two firſt and two laſt *Bells* make a *Single Dodge*, as ſoon as it comes behind the ſecond time, the two foremoſt *Bells Dodge* again, and continue *Dodging* till it comes down and parts them; when it leads, the *Bell* in fourth's place lies ſtill and the two hind *Bells Dodge* till it goes up and parts; but at a *Bob*, the *Bell* in fourth's place *Hunts* up, and the *Bell* in fifth's comes down.

123456				
214365	352164	251634	146253	*Bob*
124356	531246	215643	164235	123564
213465	351264	126534	163542	132546
231456	532146	216543	136524	*Bob*
324165	523416	125634	132465	123456
234615	254361	152643	*Bob*	
326451	524631	154326	123645	
236541	256413	145362	132654	
325614	526143			

Morning

Morning Exerciſe. By J. D.

Hunts 1 3.

IN this *Peal* when the *Treble Dodges* before, the *Bell* in third's place lies ſtill, and the *Bell* in ſixth's place *Hunts* directly down, when it leaves *Dodging* before, the *Bell* in fourth's place lies ſtill; when it *Dodges* in the middle, the *Bell* in ſecond's place lies ſtill; when it *Dodges* behind, the *Bells* in third and fourth's places lie ſtill, and the two foremoſt *Bells Dodge*; when it lies behind, the *Bell* in third's place lies ſtill only, and the two foremoſt *Bells Dodge*; when it leads, the *Bell* in fourth's place lies ſtill but at a *Bob* it goes up and the *Bell* in fifth comes down.

123456				
214365	245613	461253	153624	*Bob*
246351	426531	416235	135642	123645
164253	246351	142653	164352	132546
614352	423615	412563	146325	*Bob*
241536	243651	145236	132465	123456
214356	426315	154263	*Bob*	
641532	462135	126543	123645	
465132	641253	162534	132654	
256314	642135			

Royal Bob,

Hunts 1 3.

THE Course of this *Peal* is the same as the former *Peal*, till the *Treble Dodges* in the middle, and then the *Bells* in fifth and sixth's places lie still, and the two foremost *Bells* make a *Dodge*; when it *Dodges* behind the *Bell* in thirds place lies still, and another *single dodge* is made; when it lies behind, every *Bell* hath its *Hunting* Course; when it leads the *Bell* in fourths place goes up and fifths comes down; but at a *Bob*, the *Bell* in fourths place lies still.

123456				
214365	643215	621453	153624	*Bob*
124635	462351	612435	135264	123645
216453	426531	164253	146253	132465
261435	245613	614523	164523	*Bob*
624153	425631	165432	132546	123456
261453	246513	156342	*Bob*	
624135	264153		123564	
642315	621435	124365	132654	
463251	264135	142635		
	Bob			

City

City Delight. By J. D.

Hunts 1 3.

IN this *Peal* when the *Treble Dodges* before, the *Bell* in fifths place hunts directly down, and the *Bell* that first took the lead of the *Treble*, continues to lead a *Pull*, and lies a pull in seconds place, till such time as the *Treble* comes to lead again, when it *Dodges* in the middle, the two hind *Bells* make a *Single Dodge*; when it *dodges* behind, the two middle *Bells* make a single *dodge*; when it leads the *Bell* in fourths place goes up, and the *Bell* in fifths comes down; at a *Bob*, the *Bell* in fourths place lies still.

123456			
214365	526314	241365	164532
124635	253641	214635	146532
216453	235461	126453	143265
261543	324516	216543	134625
525134	325461	125634	132546
621543	234516	152364	
265134	243156		Bob
256314	423156	156423	123564
523641	323156	165243	132654

New London *Pleasure. By* J. D.

Hunts 1 3.

IN this *Peal* when the *Treble* leaves leading, the *Bells* as they come before continue to lead a pull, and *Dodge* a pull, till it comes down to lead again; when the *Treble Dodges* in the middle, the two hind *Bells* lies still; when it *Dodges* behind the *Bells* in third and fourths places lie still; when it *Dodges* before, the *Bell* in third's place lies still; when it leads, the *Bell* in fourth's place goes up, and fifth comes down; at a *Bob* the *Bell* in fourths place lies still.

123456				
214365	643215	621453	153624	*Bob*
124635	462351	612435	135264	123645
216453	426531	164253	146253	132465
261435	245613	614523	164523	*Bob*
624153	425631	165432	132546	123456
261453	246513	156342	*Bob*	
624135	264153	124365	123564	
642315	621435	214635	132654	
162351	264135			

Great Variety of more Peals are to be prickt upon six Bells, but for brevity's sake, we omit pricking any more, and refer the Practitioner to Changes on seven *Bells*, we designing to enlarge somewhat more thereon than what has hitherto been made publick. Of

Of Changes on Seven Bells,

Commonly call'd Tripples.

THis Name or Denomination of *Tripples*, is very properly applied in this Caſe (to Changes on ſeven *Bells*) by reaſon that in all practical *Peals*, every Change is a *Tripple Change*, becauſe ſix of the ſeven *Bells Change* their places every time that a *Change* is made; and of theſe *Changes* as well as others, there are divers ways and methods to be uſed in Pricking or Ringing them; for any *Peal* upon ſix (where in half the *Changes* are double) will go *Tripples* upon ſeven, or any *Peal* of doubles upon five, will go *Tripples* upon ſeven, but laying aſide others, we ſhall enlarge the more upon thoſe that are now in practice; and endeavour (as much as poſſible) to lay down plain and eaſie Rules for Ringing them, and to give the moſt Methodical Ways for calling of *Bobs* for any *Peal*, whether long or ſhort. And firſt for

Grandsire Tripples.

SO call'd by reason that the ordinary Course thereof is the same as in *Grandsire* upon five *Bells*, saving that the two Additional *Bells* make the Course the longer; for whereas in that, every *Bell Hunts* till the *Treble* leaves leading when the *Bell* in third's place lies still, and the other two *Dodge*; so likewise in this *Peal* of *Grandsire Tripples*, every *Bell Hunts* till the *Treble* hath left leading, and the *Bell* in third's place lies still, and the other four make a *Single Dodge*, and this is the ordinary Course or Method of Ringing this *Peal*: But lest the Practitioner at first cannot so readily give attention to hear when *Treble* leads, there is another Way or Method, whereby this *Peal* is commonly Rung.

And that is by observing the motion of the *Treble*, as it *Hunts* from behind, in what place it is in, when you meet or follow it; for example, when the *Treble* is in sixth's place, the *Bell* that follows it is in the plain Course that is *Hunts* up and down (after the *Treble*) in the same manner as the *Treble* does, and continues in that Course till a *Bob*, and any *Bell* that meets the *Treble* in fifth's place, and it in sixth's, lies

a *Whole Pull* behind, then *Hunts* down into fourth's place, and makes a *Dodge* back into the fifth's place, and then *Hunts* down to lead, any *Bell* that meets the *Treble* in fourth's place, and it in fifth's goes behind, where it lies a *Whole Pull*, then makes a *Single Dodge* and moves down to lead; any *Bell* that meets the *Treble* in third's place, and it in fourth's, as ſoon as it comes behind makes a *Single Dodge*, then it lies a *Whole Pull* behind, before it moves down to lead; any *Bell* that meets the *Treble* in ſecond's place, and it in third's, as ſoon as it comes into fifth's place makes a *Dodge* back again into fourth's place, and then *Hunts* up behind; and any *Bell* from which the *Treble* takes the lead, moves up into the third's place, where it lies a *Whole Pull*, and moves down to lead, and that *Bell* which firſt takes the lead of *Treble*, is in the plain Courſe (as before) and this is the other way of Ringing this *Peal*, and by either of theſe Methods it will go ſeventy *Changes*; but by making of *Bobs* it will go 350, 504, 630, 700, 1008, 1260, or 2520, the *Half Peal*.

But before the Practitioner adventures upon upon any of theſe *Peals*, it will be very neceſſary for him to learn the Courſe perfectly, and from thence he may proceed to a *Bob*, which being throughly perfect in, he may

proceed to some short *Peal*, before he adventures upon long ones.

The Course of Grandsire Tripples.

1234567			
2135476	3456274	6413257	2416375
2314567	4365721	6142375	4261735
3241657	4637512	1624735	4627153
3426175	6473152	1267453	6472513
4362715	6741325	2164735	6745231
4637251	7614235	2617453	7654321
6473521	7162453	6271543	7563412
6745312	1726543	6725134	5736142
7654132	1275634	7652314	5371624
7561423	2176543	7563241	3517264
5716443	2715634	5736421	3152746
5172634	7251364	5374612	1325476
1527364	7523146	3547162	1234567
1253746	5732416	3451726	
2157364	5374261	4315276	
2513746	3547621	4132567	
5231476	3456712	1423657	
5324167	4365172	1246375	
3542617	4631527	2143657	

Now when the Practitioner is throughly perfect in the Course, he may then proceed to the Ringing 168 of this *Peal*, in which the chief thing to be observed is the Method of making and calling the *Bobs*; for calling them for this *Peal* the most easiest way is every

every fourth leading of the *Whole Hunt*; but obſerve to call it juſt as the *Treble* is coming down back-ſtroke, before it goes to lead, (the *Bob* being made at fore-ſtroke) and is a *Double Dodge*, made upon the four hind *Bells*; there being at a *Bob* two ſeveral *Bells* that lie each of them a *Whole Pull* in third's place; which is the *Bell* from which the *Treble* takes the lead, and that *Bell* which is in third's place, and follows the *Treble* as it comes down back-ſtroke to lead, which *Bell* goes down, and takes lead of the *Treble*, ſo that it comes into the plain courſe, and continues in the ſame until the next *Bob*, and three *Bobs* bring the the *Bells* round, as in the following *Peal* will more plainly be ſeen.

168 *Grandſire Tripples.*

1234567			
2135476	5716243	4365721	7251364
2314567	5172634	4637512	7523146
3241657	1527364	6473152	5732416
3426175	1253746	6741325	5374261
4362715	2157364	7614235	2547631
4637251	2513746	7162453	3456712
6473521	5231476	1726543	4365172
6745312	5324167	1275634	4631527
7654132	3542617	2176543	6413257
7561423	3456271	2715634	6142375

1624735

proceed to ſome ſhort *Peal*, before he adventures upon long ones.

The Courſe of Grandſire Tripples.

1234567			
2135476	3456271	6413257	2416375
2314567	4365721	6142375	4261735
3241657	4637512	1624735	4627153
3426175	6473152	1267453	6472513
4362715	6741325	2164735	6745231
4637251	7614235	2617453	7654321
6473521	7162453	6271543	7563412
6745312	1726543	6725134	5736142
7654132	1275634	7652314	5371624
7561423	2176543	7563241	3517264
5716443	2715634	5736421	3152746
5172634	7251364	5374612	1325476
1927364	7523146	3547162	1234567
1293746	5732416	3451726	
2137364	5374261	4315276	
2513746	3547621	4132567	
5231476	3456712	1423657	
5324167	4365172	1246375	
3542617	4631527	2143657	

Now when the Practitioner is throughly perfect in the Courſe, he may then proceed to the Ringing 168 of this *Peal*, in which the chief thing to be obſerved is the Method of making and calling the *Bobs*; for calling them for this *Peal* the moſt eaſieſt way is every

every fourth leading of the *Whole Hunt*; but obſerve to call it juſt as the *Treble* is coming down back-ſtroke, before it goes to lead, (the *Bob* being made at fore-ſtroke) and is a *Double Dodge*, made upon the four hind *Bells*; there being at a *Bob* two ſeveral *Bells* that lie each of them a *Whole Pull* in third's place; which is the *Bell* from which the *Treble* takes the lead, and that *Bell* which is in third's place, and follows the *Treble* as it comes down back-ſtroke to lead, which *Bell* goes down, and takes lead of the *Treble*, ſo that it comes into the plain courſe, and continues in the ſame until the next *Bob*, and three *Bobs* bring the the *Bells* round, as in the following *Peal* will more plainly be ſeen.

168 *Grandſire Tripples.*

1234567			
2135476	5716243	4365721	7251364
2314567	5172634	4637512	7523146
3241657	1527364	6473152	5732416
3426175	1253746	6741325	5374261
4362715	2157364	7614235	2547621
4637251	2513746	7162453	3456712
6473521	5231476	1726543	4365172
6745312	5324167	1275634	4631527
7654132	3542617	2176543	6413257
7561423	3456271	2715634	6142375

1624735

1624735	3451726	1632745	1643725
1267453	4315276	1367254	1467352
2164735	*Bob*	*Bob*	*Bob*
2617453	4132567	1245376	1325476
6271543	1435276	1423567	1234567
6725134	1342567	1547263	
7652314	1537462	1452736	
7563241	1354726	1746532	
5736421	1736524	1475623	
5374612	1375642		
3547162			

Now having in a very plain method laid down the manner of making a *Bob*, and likewiſe the true time to call it, we ſhall make no further examples thereof, what then remains, is to ſhow the Practitioner how and by what Method any number of *Changes* (of this *Peal*) may be Rung, whether long or ſhort.

But to proceed gradually in this as well as in other *Peals*, the next *Peal* we ſhall make mention of is 350; wherein is to be obſerved (beſides the *Whole Hunt*) a *Half Hunt*, (which in the following *Peal* is the ſeventh) by which the *Bobs* are called, (but any *Bell* may be made *Half Hunt* at pleaſure of him that calls the *Bobs*) obſerving to call them every time the *Treble* (or *Whole Hunt*) comes down to take the lead from the *Half Hunt* and

and this with five *Bobs* will go 350 *Changes* as follows.

For 350 Grandsire Tripples.

Hunts 1 2 7.

1234567
2135476
2314567
3241657
3426175
4362715
4637251
6473521
6745312
7654132
7561423
5716243
5172634
1527364
1253746
2157364
2513746
5231476
5324167
3542617
3456271
4365721
4637512
6473152
6741325
7614235
Bob
7162453
1764235
1672453
1463752
1647325
1365427
1634572
1562374
1653247
1267543
1625734
Bob
1743652
1476325
1345726
1437562
1542367
1453276
1246573
1425637
1647235
1462753
Bob
1735426
1374562
1532764
1357246
1236547
1325674
1634275
1362457
1437652
1346725
Bob
1752364
1573246
1256743
1527634
1654237
1562473
1453672
1546327
1357426
1534762
Bob
1726543
1275634
1624735
1267453
1423657
1246375
1325476
1234567

Now

Now that the Practitioner may have ſome further knowledge or inſight when to call a *Bob*, he may obſerve, that whatſoever *Bell* is made or deſigned for *Half Hunt*, every time ſuch *Bell* (as aforeſaid) *Dodges* in the middle and then moves up and meets the *Treble* behind is a certain warning for *Bob* to be called in the 350; as ſoon as the *Half Hunt* comes down to lead, as in the foregoing *Peal* may plainly be ſeen.

The next *Peal* that follows (in Courſe) is 504, to Ring which, the ſame Method muſt be obſerved in all places as in the 350, except in calling of the *Bobs*, they being divided into Courſes; now in this *Peal* of 504, (ſo likewiſe in all greater *Peals* the *Bobs* are divided into ſeveral Parts or Courſes, according as the length or Courſe of the *Peal* compoſed will admit) they are divided into two Courſes, there being four *Bobs* in a Courſe and conſequently eight in the *Peal*; to call which obſerve the following Method.——— Firſt, The Perſon that deſigns to call the *Bobs* having pitch'd upon the *Bell* he Rings (or any other) to be the *Half Hunt*, he muſt call the two firſt *Bobs* by that *Bell*, after the ſame manner as in the 350, (which two *Bobs* in terms of Ringing are called two before) the next *Bob* muſt be called four leadings further,

ther, by which the *Half Hunt* comes into the plain Courſe, the next *Bob* muſt be at the diſtance of five leadings (the ſame *Bell* being before, as was when the *Half Hunt* was called into the plain Courſe) then the *Half Hunt* will *Dodge* in the middle, and this *Bob* finiſhes the firſt Courſe or part of the *Peal* (which in Ringing terms is called two before, into the *Hunt*, and out of the *Hunt*) the ſame Method being obſerved again concludes the *Peal*, as follows.

Grandſire Tripples 504.

Hunts 1 5.

1234567			
2135476	1752634	*Bob*	1754632
2314567		1564732	1576423
3241657	1674532	1657423	
3426175	1765423		1453726
4362715		1463527	1547362
4637251	1473625	1645372	
6473521	1746352		1352467
6745312		1362475	1534276
7654132	1372456	1634257	
7561423	1734265		1256374
5716243		1267354	1523647
Bob	1275364	1623745	
5172634	1723546		1657243
1576243		*Bob*	1562734

Bob

Bob	1573426	———	1267453
1743526	1754362	*Bob*	———
1475362	———	1532764	1423657
———	1372564	1357246	1246375
1342765	1735246	———	———
1437256	———	*Bob*	1325476
———	1276345	1752364	1234567
1246357	1723654	1573246	———
1423675	———	———	
———	1674253	*Bob*	
1645273	1762435	1726543	
1462537	———	1275634	
———	1475632	———	
Bob	1746523	1624735	

The next *Peal* that follows, is 630, which is divided into five Courſes, there being three *Bobs* in a Courſe, and fifteen in the *Peal*, and the Method to be obſerved in calling of them is this, the firſt *Bob* before, the ſecond in the middle (that is when you follow the *Treble* in third's place as it comes down call *Bob*) and which *Bob* you will *Dodge* in the middle, with the *Bell* that is in the plain Courſe, and the third *Bob* the very next *Treble* leading to the ſecond, which is called a *Double Bob*, by reaſon that there is no leading of the *Hunt* between them, and this is called, one before, one in the middle, and a *Double Bob*; and this Method muſt be obſerved throughout the *Peal*.

Grandſi

Grandsire Tripples, 630.

Hunts 1 3.

1234567
2135476
2314567
3241657
3426175
4362715
4637251
6473521
6745312
7654132
7561423
5716243
5172634
1527364
1253746
1726543
1275634
1624735
1267453
1423657

1246375
Bob
1357264
1532746
1756342
1573624
1654723
1567432
Bob
1423576
1245367
* *Bob*
1376254
1732645
Bob
1365742
1637524
Bob

1273654
1726345
* *Bob*
1354762
1537426
Bob
1346527
1435672
Bob
1753462
1574326
* *Bob*
1362547
1635274
Bob
1324675
1236457
Bob

1563247
1652374
* *Bob*
1347625
1436752
Bob
1372456
1734265
Bob
1643725
1467352
* *Bob*
1325476
1234567

Obſerve, *That where you ſee this Mark* * *plac'd at a* Bob, *ſignifies that every ſuch* Bob *is the Double* Bob, *in this and the following* Peals.

The

The next *Peal* that follows is a compleat 700, and the *Bobs* thereof are likewiſe divided into five parts or Courſes, and differs very little from the Method of the 630, there being the ſame number of Courſes, and likewiſe of *Bobs*; in a Courſe in this *Peal*, as in that, the Method to be obſerved for this *Peal* is as follows, the firſt *Bob* into the *Hunt* (or plain Courſe,) the ſecond three leadings after the firſt, and the third two leadings after the ſecond, which finiſhes the firſt Courſe, the ſame method being obſerved concludes the *Peal*.

Grandſire Tripples, 700.

Hunts 1 6.

1234567			
2135476	5172634	*Bob*	1643527
2314567	1527364	1527643	*Bob*
3241657	1253746	1256734	1234657
3426175	*Bob*	1724536	1326475
4362715	1764235	1275463	*Bob*
4637251	1672453	*Bob*	1576324
6473521	1463752	1436257	1753642
6745312	1647325	1342675	*Bob*
7654132	1365427	*Bob*	1562743
7561423	1634572	1465372	1657234
5716243			

Bob

Bob	1624375	1367524	1624735
1375624	*Bob*	1635742	1267453
1736542	1742635	*Bob*	1423657
Bob	1476253	1453672	1246375
1246735	*Bob*	1646327	0325476
1427653	1356472	*Bob*	1234567
Bob	1534627	1726543	
1263457	*Bob*	1275634	

The next *Peal* in Course is 1008, being he one fifth part of the *Whole*, and it is divided into two Parts or Courses, there being nine *Bobs* in a Course, and the Method to be bserved in calling them is this, The first four *Bobs* are before, (according to the same Method as the first two in the 504.) the next (being he fifth *Bob*) is at the distance of four leadings t which *Bob* the *Half Hunt* goes into the Plain Course, the next (being the sixth *Bob*) at the distance of five leadings, (when the me *Bell* is before as was at the fifth *Bob*) and he *Half Hunt Dodges* in the middle, and goes ut of the Plain Course, the seventh and eighth *Bobs* are both in the middle, at both which *Bobs* he *Half Hunt Dodge* in the middle, with the *ells* that were in the Plain Course, the ninth eing a *Double Bob*, is called the next leading nto the eighth, and this is called four before

Bob

into the *Hunt*, and out of the *Hunt*, twice in the middle, and a *Double Bob*, the same Method being observed again concludes the *Peal*.

1008, *Grandsire Tripples.*

Hunts 1 4.

1234567			
2135476	1342567	*Bob*	*Bob*
2314567	*Bob*	1254673	1257537
3241657	1457362	1526437	1425763
3426175	1543726	* *Bob*	*Bob*
4362715	*Bob*	1475362	1273465
4639251	1476523	1745326	1724359
6473521	1745632	*Bob*	*Bob*
6745312	*Bob*	1436725	1654723
7654132	1462735	1347652	1567432
7561423	1647253	*Bob*	*Bob*
5716243	*Bob*	1462357	1764523
5172634	1742635	1643275	1675332
1527364	1476253	*Bob*	* *Bob*
1253746	*Bob*	1425673	1423647
1726543	1723456	2256537	1246375
1275634	1274365	*Bob*	1325496
1624735	*Bob*	1457236	1234567
1267453	1564273	2542763	———
Bob	1652437	———	
1435276	———		

The next (unto this) is 1260, or the quarter *Peal*, the *Bobs* whereof, are divided into five parts or Courſes, there being five *Bobs* in a Courſe, and Twenty-five in the *Peal*, the firſt two are before, the next two in the middle, and a *Double Bob*, (according to the fore-going directions) which finiſhes the firſt Courſe, the ſame being obſerved, four times more, finiſhes the *Peal*, as follows.

1260, *or the Quarter Peal of Grandſire Tripples.*

Hunts 1 5.

1234567			
2135476	*Bob*	1347526	1365274
2314567	1275643	*Bob*	1632547
3241657	1726534	1745362	* *Bob*
3426175	*Bob*	1473527	1574623
4362715	1625743	* *Bob*	1756432
4637251	1267534	1562437	*Bob*
6473521	* *Bob*	1654273	1542736
6745312	1543276	*Bob*	1457263
7654132	1452367	1523674	* *Bob*
7561423	*Bob*	1256347	1523467
5716243	1537462	*Bob*	1254376
Bob	1354726	1537246	*Bob*
5172634	*Bob*	1352764	1745236
1576243	1576324	*Bob*	1472563
1752634	1753642	1625374	*Bob*
Bob	*Bob*	1263547	1275436
1564732	1435762	*Bob*	1724563
1657423			* *Bob*

* *Bob*	1542673	1346572	1624735
1536743	1456237	* *Bob*	1267453
1357624	*Bob*	1527364	1423657
Bob	1365422	1253746	1246375
1564327	1634577	1726543	1325476
1653472	*Bob*	1275634	1234567
Bob	1435627		

The next part into which this *Peal* is divided is 2520, being the one half part of the whole, the *Bobs* thereof (being forty five in number) are likewiſe divided into five parts or Courſes, there being nine *Bobs*, in a Courſe, now amongſt the different Ways, that may be uſed in calling the *Bobs* for this *Peal*, we ſhall only inſert this following, as being the trueſt and Beſt, now in Practice; the method thereof being thus: the two firſt *Bobs* are before (as in the *Quarter Peal*) the third into the *Hunt*, at the diſtance of four leadings; the fourth out of the *Hunt*, at the diſtance of five leadings; the fifth and ſixth *Bobs* are before (as the two firſt;) the ſeventh is in the middle, at the diſtance of three leadings; from the ſixth the eighth is into the *Hunt*, at the diſtance of five leadings; from the ſeventh, and the ninth, and laſt is a Double *Bob*, (as in the former *Peal* which finiſhes the firſt Courſe, and this, (in ſhorter terms) is call'd two before into the *Hunt*, and out of the *Hunt*, two before again one in the middle, into the *Hunt*, and a double *Bob*, as by the following *Peal* will more plainly be ſeen.

2520, or the Half Peal of Grandsire Tripples.

Hunts 1 7.

1234567			
1527364	1372645	1627345	1765432
1253746	1736254	1263754	1674523
Bob	* *Bob*	*Bob*	*Bob*
1764235	1245763	1674253	1247653
1672453	1427536	1762435	1426735
Bob	*Bob*	* *Bob*	*Bob*
1743652	1725463	1453726	1275436
1476325	1274536	1547362	1724563
Bob	*Bob*	*Bob*	* *Bob*
1673452	1756234	1743526	1536742
1764324	1572643	1475362	1357624
Bob	*Bob*	*Bob*	*Bob*
1635724	1276534	1732465	1756342
1367542	1725643	1374256	1573624
Bob	*Bob*	*Bob*	*Bob*
1765324	1263745	1472365	1764523
1673542	1627354	1743256	1675432
Bob	*Bob*	*Bob*	*Bob*
1752643	1723645	1426753	1574623
1576234	1276354	1247635	1956432
Bob	*Bob*	*Bob*	*Bob*
1367524	1734256	1746253	1542736
1635742	1372465	1472635	1456263
Bob	*Bob*	*Bob*	*Bob*

1752436	1362754	1354762	1753642
1574263	1637245	1537426	1576324
Bob	*Bob*	*Bob*	* *Bob*
1723564	1732654	1734562	1624735
1275346	1376245	1375429	1267453
Bob	*Bob*	*Bob*	1423657
1457236	1725346	1746325	1246375
1542763	1273564	1473652	1325476
Bob	*Bob*	*Bob*	1234567
1473562	1375246	1537462	---
1745326	1732564	1354726	
* *Bob*	*Bob*	*Bob*	

Now having gone through the ſeveral parts or diviſions of this *Peal*, what then remains thereof, is to ſhew the method, for the whole which is 5040 *changes*; but in regard that there is no certain method known whereby this *Peal* (as to truth) can be Rung, and that the number of *Changes* contain'd therein, being ſo many that they require ſo long a time as four hours to perform them in, which being not only very tedious but likewiſe tireſom for any perſon to Ring a *Bell* ſo long, we ſhall therefore for theſe reaſons ſuſpend what may be expected in reference to this matter ſave only add for, the ſatisfaction of thoſe that are deſirous to adventure upon ſo great an undertaking; that the only way that hath been practiſed is, by making of a Double

Chang

Change at the end of the half, wherein the *Bells* in ſecond and third places (when *Treble* leads) muſt lie ſtill, according to the ſame Method and Rule, as the *Singles* in *Grandſire*, upon five *Bells*) then by obſerving the ſame method for the *Bobs* as is before ſhewn, will double the *Peal* to 5040 *Changes*.

First Double { 1325476 / 1324567 } *Laſt Double* { 1235476 / 1234567 }

We ſhall now proceed to ſhew the practitioner, ſome Variety of new *Peals* upon ſeven *Bells*; but in regard they were never much practiſed, as being ſomewhat more difficult than that of *Grandſire Tripples*, we ſhall not enlarge altogether ſo much upon any of them, but lay down ſome few examples of each *Peal*, and ſo proceed to *Changes* on *Eight Bells*.

New *London* Peals, upon Seven BELLS.

Compos'd by *J. P.*

London Tripples Single Bob Method.

THE Course of this *Peal* differs very little from the Course of *Colledge Single Bob* upon six *Bells*, only the additional *Bell* makes every *Change* a *Tripple Change*. Now the method to be observ'd in Ringing it is this, any two *Bells* that the *Treble* leaves in the sixth and seventh places, those two *Bells* continue *dodging* till such time as the *Treble* hath left leading and parted the two *Bells* that *Dodge* in the middle; that is they make a *Tripple Dodge*, which is three times each, that *Bell* that follows the *Treble* when it is in fourth's place lies a *Pull* in fifth's place, and then *Dodges* with the *Bell* that comes up to it, till the *Treble* moves up again and parts them (and then they move up or down as they were going before such *Dodges*) which Course of *Dodging* in the middle, is constantly assign'd to

to one *Bell*, from *Bob* to *Bob*, (or throughout the Courſe;) and ſuch *Bell* is term'd the ſecond *Hunt* (as the plain Courſe in *Grandſire*) and that *Bell* that follows the *Treble* when its in ſecond's place lies a *Pull* in third's place, and moves down as does likewiſe the *Bell* from which the *Treble* takes the lead. And this is the Courſe or method of Ringing this *Peal* as by the ſubſequent figures will more plainly appear.

The Courſe of London *Tripples, Single-Bob Method.*

1234567			
2135476	4253761	2517463	6714352
2314567	2435671	2154736	7641532
3241657	2346517	1257463	7465123
3426175	3264157	1524736	4756213
4362715	3621475	5127463	4572631
4637251	6312457	5214736	5427361
6473521	6134275	2541376	5243716
6745312	1632457	2453167	[illegible]34176
7654132	1364275	4235617	2351467
7561423	3162457	4326571	3215476
5716432	3614275	3462751	3124567
5174623	6341725	3647215	1325476
1576432	6437152	6374125	1234567
1754623	4673512	6731452	
7156432	4765321	7613425	
7514623	7456231	7164352	
5741263	7542613	1763425	
5472136	5724163	1674352	
4527316	5271436	6173425	

Now

Now having ſhewn the manner of Ringing the Courſe of this *Peal*, the next thing to be obſerv'd is the manner of making and calling the *Bobs*, the time of calling is the ſame as in *Grandſire Tripples*, (and likewiſe the ſame method muſt be obſerv'd in calling for 350 of this *Peal* as in that,) only the manner of making the *Bob* is different, it being after this manner, the *Bell* that is ſecond *Hunt* goes down, and takes lead of the *Treble*, the *Bell* in third's place goes into fifth's place, makes a *Single Dodge*, and then moves up, the *Bell* in ſixth place comes down into fourth place, makes a *Dodge* with the *Bell* in fifth's place, and moves down to lead (which *Bell* takes the Courſe of ſecond *Hunt* and continues ſo till the next *Bob*;) the *Bell* in fifth's place moves up behind and makes a *Single Dodge*, and the *Bell* in ſeventh's place lies ſtill a *Whole Pull*, and afterward makes a *Dodge* with the *Bell* that comes up to it. And this is the manner of making the *Bob*, as by the following 350 will plainly appear.

London *Tripples* 350

Hunts 1 5.

1234567			
2135476	1476235	1436735	
2314567	1742653	1753624	*Bob*
3241657	1635247	1576342	1576432
3426175	1362574		1754623
4362715	*Bob*	1324675	1632457
4637251	1524376	1236457	1364275
6473521	1253467	1475632	1657423
6745312	1476352	1746523	1524736
7654132	1743625	*Bob*	1763425
7561423	1652347	1563724	1674352
5716432	1563274	1657342	1325476
Bob	1247365	1324756	1234567
5174623	1423756	1237465	
1547263	1765324	1456732	
1452736	1673542	1547623	
1763254	1532647	1632745	
1672345	1356274	1367254	
1354276	1247653	1245763	
1532467		1427536	

Note, *The Method for Calling the* Bobs *in the foregoing* 350 *is the same as in the* 350 Grand-sire Tripples.

This *Peal* of *London Tripples*, is likewise divided into the same several Parts or *Peals* as that of

of *Grandſire Tripples*; and the *Bobs* in thoſe *Peals* are likewiſe divided into Courſes, (after the ſame manner as in that) Only the Method for calling the *Bobs* are different. We ſhall therefore inſert only one or two *Peals* more, with the Neceſſary Directions for others, and ſo Proceed; and the firſt is 630, as follows.

London *Tripples* 630

Hunts 1 6.

THe *Bobs* for this 630 are Divided into five Courſes, there being three *Bobs* in a Courſe, and fifteen in the *Peal*, now the Method to be obſerved in calling them is this, the firſt *Bob* is the fourth leading of the *Whole Hunt*, the ſecond, at the diſtance of three leadings from the firſt (at both which the *Half Hunts* will *Dodge* in the middle) and the third two leadings, diſtance from the ſecond which finiſhes the firſt Courſe the ſame Method being obſerved Concludes the *Peal* as follows.

123456

1234567			
2135476	1524736	Bob	1726354
2314567	Bob	1753246	1273645
3241657	1746532	1572364	Bob
3426175	1475623	Bob	1437526
4362715	Bob	1426375	1345762
4637251	1456732	1243657	Bob
6473521	1547623	Bob	1256743
6745312	Bob	1236475	1527634
7654132	1274356	1324657	Bob
7561423	1723465	Bob	1576243
5716432	Bob	1542736	1752634
5174623	1536427	1457263	Bob
1576432	1354672	Bob	1325476
1754623	Bob	1376254	1234567
1632457	1346527	1732645	
1364275	1435672	Bob	
1257463			

700 London, *Tripples.*

Hunts 1 3.

THe Next Part of this *Peal*, is a compleat 700 the *Bobs* thereof are likewise divided into five Courses there being three *Bobs* in a Course, and fifteen in the *Peal*, and the Method to be observed in calling them is thus, the first *Bob* (in the *Peal* here Prick't) is the third leading

leading of the whole *Hunt*, at which *Bob* the *Half Hunt*, comes into the plain Course, the second *Bob* is at the distance of four leadings, from the first, whereby the *Half Hunt*, is call'd out of the plain Course, and the third *Bob* is at the distance of three leadings, from the second at which *Bob* the *Half Hunt* will be before (as in the 350) and this finishes the first Course of the *Peal*; the same Method must be continued to the end of the same, as follows.

1234567			
2135476	*Bob*	*Bob*	*Bob*
2314567	1245376	1364257	1632745
3241657	1423567	1632475	1367254
3426175	*Bob*	*Bob*	*Bob*
4362715	1736524	1624357	1372645
4637251	1375642	1263475	1736254
6473521	*Bob*	*Bob*	*Bob*
6745312	1356724	1537462	1762345
7654132	1537642	1354726	1673254
7561423	*Bob*	*Bob*	*Bob*
5716432	1576324	1347562	1435276
5174623	1753642	1435726	1342567
1576432	*Bob*	*Bob*	*Bob*
1754623	1234657	1457362	1325476
1632457	1326475	1543726	1234567
1364275			

For

For 1260 London *Tripples.*

THe next is 1260 being the quarter Part of this *Peal*; which is divided into five Courſes, and four *Bobs* in a Courſe, now the Perſon deſigned to call the *Bobs*, having pitcht upon any *Bell* for *Half Hunt* muſt obſerve the following Method, the two firſt *Bobs* of each Courſe are before (as in the 350) the third *Bob*, is at the diſtance of four leading from the ſecond (that is when the *Half Hunt* follows the *Treble*, in thirds place as it comes down to lead, call *Bob*) and the fourth *Bob* is at the diſtance of four leadings, from the third (the *Half Hunt* being before as at the firſt two *Bobs*) and this finiſhes the firſt Courſe, the ſame Method being obſerved, four times more concludes the *Peal*.

For 2520 London *Tripples.*

THis *Peal* of 2520 is divided into five Courſes, there being nine *Bobs* in a Courſe nd forty five in the *Peal*; to Ring which obrve the following Method, the firſt *Bob* muſt be all'd when the *Treble* is in ſeconds place, and the *Half Hunt* follows it in third's (at which *Bob* the

Half

For

Half Hunt will *Dodge* in the middle and then moves up) the ſecond and third *Bobs* are at the diſtance of five leadings each, ſo that whatſoever *Bell* is before at the firſt *Bob*, the ſame *Bell* muſt be before at the ſecond and third *Bob*, the fourth is at the diſtance of two leadings, from the third, at which *Bob* the *Half Hunt* will be before fifth, the ſixth and ſeventh are all of them at the diſtance of five leadings, each the *Half Hunt* being before as at the fourth *Bob*, the eighth *Bob* is at the diſtance of three leadings, from the ſeventh, at which *Bob* the *Half Hunt* is call'd into the plain Courſe, and the ninth and laſt is a *Double Bob*, that is the very next leading of the whole *Hunt*, and this finiſhes the firſt Courſe, the ſame Method muſt be obſerved to the end of the *Peal*.

For further Information obſerve the following Table wherein is ſet down the *Bobs*, taken from the five ſeveral leadings of the Courſe, and numbred as they follow each other ſo, that by taking an obſervation of any of thoſe *Bobs*, you may begin any *Peal* whatſoever.

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Half Hunt will *Dodge* in the middle and then moves up) the ſecond and third *Bobs* are at the diſtance of five leadings each, ſo that whatſoever *Bell* is before at the firſt *Bob*, the ſame *Bell* muſt be before at the ſecond and third *Bob*, the fourth is at the diſtance of two leadings, from the third, at which *Bob* the *Half Hunt* will be before fifth, the ſixth and ſeventh are all of them at the diſtance of five leadings, each the *Half Hunt* being before as at the fourth *Bob*, the eighth *Bob* is at the diſtance of three leadings, from the ſeventh, at which *Bob* the *Half Hunt* is call'd into the plain Courſe, and the ninth and laſt is a *Double Bob*, that is the very next leading of the whole *Hunt*, and this finiſhes the firſt Courſe, the ſame Method muſt be obſerved to the end of the *Peal*.

For further Information obſerve the following Table wherein is ſet down the *Bobs*, taken from the five ſeveral leadings of the Courſe, and numbred as they follow each other ſo, that by taking an obſervation of any of thoſe *Bobs*, you may begin any *Peal* whatſoever.

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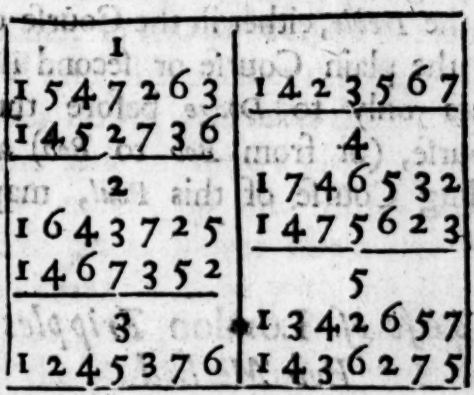

London *Tripples Double Bob Method.*

IN this *Peal* of *Double Bob Tripples*, the Courſe differs very little from the Method of *College Double Bob* on ſix *Bells*; the *Dodging* of the *Bells* both before and behind, being the ſame in this as in that, *viz.* till the *Treble* Parts them, either behind or before; ſo likewiſe every *Bell* that meets the *Treble* under the fifth's place, goes no higher but lies a whole *Pull* in fifth's place, and then moves down to ead; except when the *Treble* leads, (the *Bell* hat is in the plain Courſe goes no higher than nto the third's place,) and then the two *Bells* in n fourth and fifth's places make a *Single Dodge*: nd obſerve, That when the *Bells* are *Dodging*

before, the reſt go no lower than into third's place, where they lie a whole *Pull*, and then move up again; and that *Bell* which firſt takes lead of the *Treble*, either in the Courſe or after a *Bob*, is the plain Courſe or ſecond *Hunt*, and continues only to *Dodge* before throughout the Courſe, (or from *Bob* to *Bob*) as by the proceeding Courſe of this *Peal*, may plainly be ſeen.

The Courſe of London *Tripples Double Bob Method.*

1234567			
2143576	6247513	5247163	1726354
2415367	2645731	2541736	1273645
4251376	6254371	5214763	2137654
2453167	2653417	5127436	2316745
4235617	6235147	1524763	3261754
2436571	2631574	1257436	2367145
4263751	6213547	2175463	3276415
2467315	6125374	2714536	2374651
4276135	1623547	7241563	3247561
2471653	1265374	2745136	2345716
4217635	2156347	7254316	3254176
4126753	2513674	2753461	2351467
1427635	5231647	7235641	3215476
1246753	2536174	2736514	3124567
2164735	5263714	7263154	1325476
2617453	2567341	2761345	1234567
6271435	5276431	7216354	
2674153	2574613	7123645	

No

Now having ſhewn the manner of Ringing the Courſe of this *Peal*, the next thing is the Method of making the *Bobs*, (which is to be made at hand, in this as well as the foregoing *Peal*;) and after this manner the *Bell* in fourth's place moves down, and takes the ſecond *Hunts* Courſe, the *Bell* in third's place (which was plain *Hunt*) moves up into fifth's place, the *Bell* in ſixth place, moves down into fourth's place, and makes a *Dodge* with the *Bell* that is in fifth's place, the *Bell* in fifth's place goes behind, and the *Bell* in ſeventh's place lies ſtill. Or in ſhorter terms this; the *Bells* in fourth's and ſixth's places move down, and third and fifth's places moves up, and ſeventh's place lies ſtill; and this is the manner of making a *Bob* in this *Peal*, which is divided into the ſame parts as the two former, and the *Bobs* for thoſe ſeveral *Peals*, are likewiſe divided into Courſes, as to Ring the following 350, the Method of the *Bobs* is the ſame as in the 350 of *Grandſire Tripples*.

350 *London Tripples, Double Bob Method.*

Hunts 1 7.

1234567		1647352	
2143576	*Bob*	1463725	*Bob*
2415367	1732465	1345267	1765243
4251376	1374256	1432576	1672534
2453167	1436572	1246735	1264375
4235617	1345627	1427653	1623457
2436571	1537246	*Bob*	1367524
4263751	1352764	1754632	1635742
2467315	1234657	1576423	1562437
4276135	1326475	1653274	1654273
2471653	1635724	1562347	1463752
4217635	1367542	1257463	1647325
4126753	*Bob*	1524736	*Bob*
1427635	1743526	1456327	1726354
1246753	1475362	1543672	1273645
1623547	1542673	1352746	1325476
1265374	1456237	1537264	1234567
1524763			
1257436			

630 *Double Bob Tripples.*

Hunts 1 7.

THIS 630 is divided into the ſame number of *Bobs* and Courſes, as the foregoing 630, the Method to be obſerv'd in the *Bobs* is thus; the firſt *Bob* is the fifth leading of the *Hunt*, the *Half Hunt* being then in ſeventh's place, and the next at the diſtance of four leadings from the firſt, at which *Bob* the *Half Hunt* muſt be in fifth's place and ſo moves up behind: or thus, the fifth leading of the *Hunt*, and the fourth leading, which muſt be continued to the end of the *Peal*.

1234567			
1427635	1436275	*Bob*	1263574
1246753	*Bob*	1425367	1625347
1623547	1534672	1243576	*Bib*
1265374	1356427	*Bob*	1256437
1524763	*Bob*	1642375	1524673
1257436	1563247	1463257	*Bob*
1726354	1652374	*Bob*	1325476
1273645	*Bob*	1634527	1234567
Bob	1456273	1365472	
1342657	1542637	*Bob*	

700 *Double Bob Tripples.*

Hunts 1 6.

THE 700 is divided into the ſame number of *Bobs* and Courſes, as the 700 of *Single Bob Tripples*, and the *Bobs* are at the ſame diſtance the one from the other in this *Peal* as in that; *viz*: the firſt *Bob* at the fifth leading of the *Hunt* (the *Half Hunt* being in the Middle) the ſecond at the diſtance of two leadings from the firſt, and the third at the diſtance of three leadings, from the ſecond, and this Method muſt be continued throughout the *Peal*.

1234567			
1427635	*Bob*	1576423	1257346
1246753	1432756	*Bob*	1523774
1623547	1347265	1245376	*Bob*
1265374	*Bob*	1428567	1235674
1524763	1473625	*Bob*	1326547
1257436	1746352	1574236	*Bob*
1726354	*Bob*	1752463	1453762
1273645	1537246	*Bob*	1547326
Bob	1352764	1527643	*Bob*
1342657	*Bob*	1256734	1325476
1436275	1743526	*Bob*	1234567
Bob	1475362	1372456	
1724536	*Bob*	1734265	
1275463	1754632	*Bob*	

The

The Method for 1260 *Double Bob Tripples.*

TO Ring 1260 of this *Peal*, the ſame Method muſt be obſerved in the *Bobs*, as in the 1260 of *Grandſire Tripples*, *viz*, two before, two in the middle (that is *Dodging* with the plain *Hunt*) and a *Double Bob*, which Method with twenty five *Bobs* compleats the *Peal*.

To Ring 2520 of this *Peal*, the firſt four *Bobs*, are before the next into the *Hunt* at the diſtance of four leadings, the next is out of the *Hunt*, at the diſtance of four leadings the next (being the ſeventh *Bob*) is four leadings from the ſixth, the *Half Hunt* being in ſeventh's place, the eight *Bob* is at the diſtance of three leadings, from the ſeventh (the *Half Hunt* being behind as before) and the ninth and laſt is a *Double Bob*, which finiſhes the firſt Courſe; the ſame Method muſt be obſerved to the end of the *Peal*.

The Table of Bobs taken from the five leadings of the Course.

| | | |

ſuch two *Bells* are only to make a *Single Dodge*, and are afterwards parted by the ſecond *Hunt*, the *Dodging* before in this *Peal*, is the ſame as on ſix *Bells*, only in this there is two *Bells* lead before a *Dodge* is made, and the third *Bell* that leads makes the *Dodge*, and afterwards leads a whole *Pull*, and then makes a *Dodge* with the next *Bell* that comes down to it, and that *Bell* that follows the *Treble* when it is in fourth's place lies a *Pull* in fifth's place, and then moves down to lead, and that *Bell* that follows the *Treble*; when it is in ſecond's place goes up into fifths place, and makes a ſingle *Dodge*, and afterwards lies a *Pull* in fifth's place, before it moves down as by the following Courſe of this *Peal*; may be ſeen.

The Courſe of London *Tripples, Court Bob Method.*

1234567			
2135476	6143725	5276143	5324671
2314567	1634275	2571634	3542761
3241576	1362457	5217643	3457216
3425167	3164275	5126734	4375126
4352617	3612457	1562374	2471562
3456271	6321475	1653247	4317526
4365721	6234157	6152374	4135762
4637512	2643517	6513247	1453672
6473152	6245371	5631274	1546327
4671325	2654731	5362147	5143672
6417352	2567413	3526417	5416327

4561372

4561372			
4653127	2617435	2546137	3517264
6435217	2164753	5264317	3152746
4632571	1246573	2563471	1325476
6423751	1425637	5236741	1234567
6247315	4126573	5327614	
2674135	4215637	3572164	
6271453	2451673	5371246	

The next thing to be obſerved is the manner of making a *Bob* in this *Peal*, and that is, the *Bell* that happens in third's place when *Bob* is call'd lies a whole *Pull*, and then moves down to lead (as in *Grandſire Tripples*) and that *Bell* which is ſecond *Hunt*, inſtead of going behind goes no higher than into fifth's place, where it makes a Double *Dodge*, and afterwards lies a *Pull* in fifth's place, before it moves down to lead, ſo that the *Bob Changes* in this *Peal*, are made after the ſame manner as thoſe of *Grandſire Tripples*, and to Ring 350 of this *Peal*; every time the *Half Hunt* comes before and the whole comes down to take the lead, of the ſame, a *Bob* muſt be made according to the foregoing directions, as in the following 350 will plainly appear.

350 *Court Bob Tripples.*

Hunts 1 3.

1234597
2135476
2314567
3241576
3425167
4352617
3456271
4365721
4637512
6473152
4671325
6417352
6143725
1634274
1362457
1562374
1653247
1453672
1546327

1246573
1425637
Bob
1357261
1532746
1432567
1345276
1745362
1473526
1273465
1724356
1574263
1752436
Bob
1376542
1735624
1235746

1327564
1627345
1263754
1563247
1652374
1752643
1576234
Bob
1364725
1637452
1537624
1356742
1456327
1543672
1743526
1475362
1675423

1764532
Bob
1342657
1436275
1736452
1374625
1274356
1723465
1623754
1267345
1467253
1642735
Bob
1325476
1234567

630 *Court Bob Tripples.*

Hunts 1 5.

THE next Part of this *Peal* is 630, which is divided into five Courses of three *Bobs*

Bobs in a Courſe, the Method whereof is as follows, the firſt *Bob* is when the *Half Hunt* follows the *Treble* (as it comes down) in ſecond's place (after the ſame manner as calling into the plain Courſe in *Grandſire*) the ſecond *Bob* is at the diſtance of three leadings, from the firſt, whereby the *Half Hunt* goes into the plain Courſe, and the third is a *Double Bob* that is the very next leading to the ſecond, which *Bob* finiſhes the firſt Courſe, the ſame muſt be continued to the end of the *Peal* as follows.

1234567			
1634275	* *Bob*	1526374	1645327
1362457	1475263	*Bob*	1463572
1562374	1742536	1624357	*Bob*
1653247	*Bob*	1263475	1652473
1453672	1456732	* *Bob*	1564237
1546327	1547623	1735642	*Bob*
1246573	*Bob*	1376524	1467253
1425637	1743652	*Bob*	1642735
Bob	1476325	1754326	* *Bob*
1357264	* *Bob*	1573462	1325476
1532746	1265734	*Bob*	1234567
Bob	1627543	1372456	
1236754	*Bob*	1734265	
1327645	1253647	* *Bob*	

700 *Court Bob Tripples.*

Hunts 1 3.

THIS *Peal* of 700 is divided into five Courſes, of three *Bobs* in a Courſe, as follows, the firſt *Bob* is before (as in the 350) the ſecond is a *Double Bob* being the very next leading to the firſt, and the third and laſt *Bob* of this Courſe, is at the diſtance of four leadings from the ſecond, the *Half Hunt* being before as at the firſt *Bob*, and this Method with five Courſes finiſhes the following *Peal.*

1234567
1634275
1362457
1562374
1653247
1453672
1546327
1246573
1425637
Bob
1357264
1532746
* *Bob*
1426375
1243657
Bob
1347625
1436752
Bob
1372456
1734265
* *Bob*
1645327
1463572
Bob
1362547
1635274
Bob
1324675
1236457
* *Bob*
1567342
1653724
Bob
1354762
1537426
Bob
1346572
1435627
* *Bob*
1257364
1523746
Bob
1376254
1732645
Bob
1365724
1637542
* *Bob*
1472356
1743265
1325476
1234567

For

For 1260 *Court Bob Tripples.*

THis 1260 is divided into five Courſes, of four *Bobs* in a Courſe. The Method in calling is thus, the firſt *Bob* in ſixth's place, the ſecond into the plain Courſe, at the diſtance of five leadings from the firſt, and the third out of the plain Courſe, at the ſame diſtance from the ſecond, as the ſecond was from the firſt, the fourth and laſt *Bob* is at the diſtance of three leadings from the ſecond, at which *Bob* the *Half Hunt Dodges* in the Middle, with the *Bell* that was in the plain Courſe, and this finiſhes the firſt Part or Courſe of the *Peal*; the ſame Method muſt be obſerved to the end.

For 2520 *or the Half Peal of Court Bob Tripples.*

THE three firſt *Bobs* in every Courſe of this *Peal*, are call'd by the ſame Method as the three firſt in the foregoing 1260, the fourth *Bob* is at the diſtance of five leadings from the third, the *Half Hunt* being in third's place, the next *Bob* is before at the diſtance of four leadings, the next (being the ſixth *Bob*) is into the plain Courſe at the diſtance of four leadings, the

the ſeventh *Bob* is out of the plain Couſe, at the diſtance of five leadings, the eighth *Bob* is before at the diſtance of two leadings, and the ninth and laſt is a *Double Bob*, which finiſhes the firſt Courſe, and this with Courſes concludes the *Peal*.

A Table of the Bobs taken from the five leadings of the Courſe.

1	
1 6 4 7 3 5 2	1 3 4 5 7 6 2
1 4 6 3 7 2 5	4
2	1 2 6 7 4 5 3
1 5 2 7 6 4 3	1 6 2 4 7 3 5
1 2 5 6 7 3 4	5
3	1 3 5 7 2 6 4
1 4 3 7 5 2 6	1 5 3 2 7 4 6

London *Tripples Treble Bob Method.*

THE *Treble* in this *Peal*, hath a *Dodging* Courſe after this manner; firſt it makes a *Single Dodge* before, then it *Hunts* into the fourth's place, and makes a *Dodge* back again into third's place, and then *Hunts* up into fifth's place, where it lies a whole *Pull*, and then *Hunts* behind, and as ſoon as it comes behind

it

it *Dodges* back into ſixth's place and afterwards lies a whole *Pull* behind, and then *Hunts* down after the ſame Manner as it *Hunted* up: when the *Treble Dodges* in third and fourth's place the two foremoſt *Bells* make a *Single Dodge*, and the *Bell* in fifth's place lies ſtill, when it moves out of the fifth's place, *Hunting* up the four foremoſt *Bells Dodge* and the *Bell* in fifth's place lies ſtill; when it lies behind, the foremoſt *Bells* make another *Dodge*; when it *Dodges* before the *Bell* in third's place lies ſtill (and afterwards moves down to lead) when it leads the four hindmoſt *Bells* make a *Single Dodge*, as by the ſubſequent figures will appear.

The Courſe of Trebble Bob Tripples.

1234567				
2143576	3756421	1465237	4357612	1267354
1245367	7365412	1642573	3475621	2176534
2154376	7634521	6124537	4357261	1275643
2513467	6743512	1625473	3475216	1726534
5231476	7634152	6152437	3742561	1635724
2513746	6743125	6514273	7324516	1367542
5231764	6471352	5641237	3742156	1745362
5327146	4617325	6514327	7324165	1473526
3572164	6471235	5641372	7231456	1325476
5327614	4617253	5463127	2713465	1234567
3572641	4162735	4536172	7231645	
3756214	1426753	5463712	2713654	
7365241	4162573	4536721	2176345	

The

The Courſe of this *Peal* by reaſon that the *Treble* hath a *Dodging* Courſe is 140 *Changes*, and that *Bell* that is plain, or ſecond *Hunt* always *Dodges* in the Middle, every time *Treble* leads (and *Dodges* before) and then moves down to lead; the *Bobs* for this *Peal*, muſt be call'd juſt as *Treble* comes to *Dodge* before with the *Half Hunt*; at which the *Bell* in third's place muſt lie ſtill a whole *Pull*, and then moves up into fifth's place, and *Dodges* back again into fourth's place, and afterwards lies a *Pull* in fifth's place, and then moves down to lead; the two hind *Bells* continue *Dodging*, till the *Treble* comes to *Dodge*, in third's and fourth's place, and then that *Bell* which was firſt behind (which was the ſecond *Hunt* before the *Bob*) moves down and this *Peal* with five *Bobs* (being call'd according to the Method for any of the foregoing 350) will go 700 *Changes* as by the preceeding 700 will appear.

700 *Treble Bob Tripples.*

Hunts 1 3.

1234567			
2143576	2513467	5231764	5327614
1245367	5231476	5327146	3572641
2154376	2513746	3572164	3756214

7365241	4162735	1745362	1356724
3756421	1426753	1473526	1537642
7365412	4162573	*Bob*	*Bob*
7634521	1465237	1364257	1347562
6743512	1642573	1632475	1435726
7634152	1275643	*Bob*	*Bob*
6743125	1726534	1372645	1325476
6471352	1635724	1736254	1234567
4617325	1367542	*Bob*	
6471235			
4617253			

The Table for this Peal.

1	1472653	1	1463725
1	1746235		4
	2	1	1723456
1	1236754	1	1274365
1	1327645		5
	3	1	1364257
1	1647352	1	1632475

New

New London *Tripples Compos'd By* J. D.

THE Course of this *Peal* is the same as *Grandsire Tripples*, excepting that when the *Treble* leaves the sixth place, *Hunting* up and fifth's place *Hunting* down a *Single Dodge*, is always made by the two foremost *Bells*, the *Bell* then happening in third's place, lying still; the Motion or Course of the second *Hunt*, is the same (and likewise the Manner of making the *Bobs*) in this *Peal* as in that.

For 350.

Hunts 17.

1234567			
2135476	7142563	1465327	1256374
2314567	1745236	*Bob*	1523647
3241657	1472563	1753462	*Bob*
3426175	1342657	1574326	1736524
4362715	1436275	1654237	1375642
3467251	1546723	1562473	1235467
4376521	1457632	1352746	1324576
4735612	1247365	1537264	1634752
7453162	1423756	1457623	1367425
4751326	1643572	1546732	1537246
7415236			1352764
Bob			

1352764	1645372	1652437	1423765
1432675	1265734	*Bob*	1247356
1346257	1627543	1724653	1627534
Bob	1367452	1276437	1265743
1762345	1634725	1526347	1325476
1673254	1564273	1253674	1234567
1463527			

The Course of this *Peal*, is the same as the former excepting that, that *Bell* which the *Treble* leaves in fifth's place, lies there a whole *Pull* and then moves down to lead, and that *Bell* which is second *Hunt*, is always *Dodging* behind (when the *Treble* comes to lead and leaves leading) throughout the whole Course or from *Bob* to *Bob*, and this with five *Bobs* goes 350, as follows.

1234567			
2135476	7415362	1425763	1637452
2314567	7143526	*Bob*	*Bob*
3241657	1734256	1357264	1342657
3426175	1372465	1532746	1436275
4362715	1573246	*Bob*	*Bob*
3467251	1753264	1376542	1325476
4376521	1457326	1735624	1234567
4735612	1547362	*Bob*	
7453162	1245736	1364725	
4751326			

The

The *Bobs* in this *Peal* are made after the ſame manner as in the former, and to Ring 700 of either of theſe *Peals*, is firſt into the *Hunt*, the ſecond out of the *Hunt*, at the diſtance of three leadings, the third at the diſtance of two leadings from the ſecond, being the ſame as for 700 *Grandſire Tripples*.

In this *Peal* the *Bell* that is in the plain Courſe, always *Dodges* in the middle, and afterwards lies a *Pull* in fifth's place, before it moves down to lead, and then every *Bell Hunts* till the Leading of *Treble*, at which the *Bell* in third's place muſt lie ſtill, and a *Double Dodge* is made by the four hindmoſt *Bells* (like a *Bob* in *Grandſire Tripples*) but at a *Bob* every *Bell Hunts*, till the *Treble* hath left leading, and then the four hind *Bells* make a *Single Dodge* as in the following 350.

Hunts 1 3.

1234567

2135476	7615243	5237461	1645732	1376542
2314567	7162534	5324716	1467523	1735624
3241576	1765243	3542176	*Bob*	*Bob*
3425167	1672534	3451267	1342657	1357264
4352617	6175243	4315627	1436275	1532746
4536271	6712534	4136572	*Bob*	*Bob*
5463721	7621543	1435627	1364725	1325476
5647312	7265134	1346572	1637452	1234567
6574132	2756314	1275364	*Bob*	
6751423	2573641	1723546		

To Ring 630 of this *Peal*, with five Courſes and two *Bobs* in a Courſe, any *Bell* may be *Half Hunt*, and the firſt *Bob* is when the *Half Hunt* follows *Treble* as it goes down to lead, after the ſame manner as calling into the *Hunt* in *Grandſire Tripples*, and the next is *Dodging* in the Middle, at the diſtance of four leadings from the firſt, and this with ten *Bobs* will go 630.

To Ring 700 obſerve to call the firſt *Bob*, before the ſecond *Bob* the third leading from the firſt, and the third two leadings from the ſecond, and this with fifteen *Bobs* will go 700 *Changes*.

In this *Peal* the *Bells Dodge* before as in Double *Bob Tripples*, and the Motion or Courſe of the ſecond *Hunt*, is firſt to lie in third's place, and afterwards to *Dodge* in the Middle with the next *Bell* that comes down to it (the *Bells* hapening in fifth's place lying ſtill) till ſuch time as the *Treble* comes down and parts them, at ſuch time as they ceaſe to *Dodge* in the Middle, they likewiſe ceaſe *Dodging*, before the *Dodging* behind, is the ſame as in *Single Bob Tripples*, and likewiſe the Manner of makeing and calling the *Bobs*, the ſame in this *Peal* as in that.

350 *Hunts* 1 3.

1234567			
2135476	6312457	1524736	1735624
2314567	6134275	*Bob*	*Bob*
3241657	1632457	1342657	1857264
2346175	1362475	1436275	1532746
3264715	1763425	*Bob*	*Bob*
2346751	1674352	1364725	1325476
3264571	1576432	1637452	1234567
2346517	1754623	*Bob*	
3264157	1257463	1376542	
3621475			

630 *Hunts* 1 3.

TO Ring 630 of this *Peal*; with five Courſes and three *Bobs* in a Courſe, the firſt *Bob* is before the ſecond in ſixth's place at the diſtance of three leadings, the third is a Double *Bob*, the *Half Hunt* being before as at the firſt *Bob*, and this Method with fifteen *Bobs* goes 630 as follows.

1632457			
1364275	1524736	1624537	1735462
1763425	*Bob*	* *Bob*	*Bob*
1674352	1342657	1342765	1452763
1576432	1436275	1437256	1547236
1754623	*Bob*	*Bob*	* *Bob*
1257463	1374526	1526374	1374652
			1736425

1736425	1724653	1635742	* *Bob*
Bob	1276435	* *Bob*	1325476
1367245	* *Bob*	1356247	1234567
1632754	1367524	1532674	
Bob			

Note *the last two Bobs are the two last Bobs of the last Course.*

The great variety of *Peals* that are to be prick'd upon ſeven *Bells*, being of themſelves enough to compleat a volume, may perhaps ſeem but tedious to the Learner, we ſhall therefore prick no more examples thereof, but refer the Practitioner to *Changes* on eight *Bells*.

Of Changes on eight Bells.

Changes upon eight *Bells* are ſeldom or never Rung unleſs it be a five, ſix, or ſeven *Bell Peal*, that is Rung thereon; a five *Bell Peal* that is Rung upon eight, is by laying three of the eight *Bells* behind, and the moſt Muſical to lie behind is 218, 148, 418, 248, 468, 348, 648, 548, 864, 241, 321, and 135, to be laid behind and firſt and third to *Dodge* throughout the *Peal*, and alſo 184, to be laid behind, and to go the ſixes at *Half-Pulls*, thus 814, 841, 481, 418, 148, 184,

184, 814, &c. and ſo on to the end of the *Peal*, which is very good Muſick; the moſt Muſical to be laid behind, in a ſixth *Bell Peal*; are 48, 68, 18, or 41, or the *Peal* to be Rung on the ſix foremoſt *Bells*, and the ſeventh and eighth to *Dodge* thus, 87, 78, 87, &c. throughout the *Peal*, makes exceeding good Muſick; a ſeven *Bell Peal* is always Rung upon the ſeven foremoſt *Bells*, the Tenor always lying behind to cover the *Peal*.

There is likewiſe for the Diverſion of thoſe that cannot Ring any compleat *Peals* upon five, ſix, or ſeven *Bells* at *Half Pulls*, *Changes* to be Rung call'd ſet *Changes*, wherein the *Bells* may go round three four or more times in a *Change*, and the chief thing to be obſerv'd therein, is the placing the *Bells* either fifth's or third's; to place them fifth's, fourth muſt *Hunt* behind the ſeventh, the third behind the ſixth, and the ſecond behind the fifth, and then they will lie in this Order, 1526374 8, and here are four concords to be regarded in the *Peal*, the firſt is 15, the ſecond 26, the third 37, and the fourth 48, theſe may goe the Method of any *Peal* upon four *Bells*, by obſerving to *Hunt* them in their order, that the two firſt notes of every concord, may conſtantly attend on each other; for example, admit they were to go the twenty four *Changes*, firſt 15, muſt *Hunt* up over the 26

in

in which it makes four *Changes*, for firſt the fifth muſt *Hunt* over the ſecond, thus, 12563748 then the firſt muſt follow it thus 21563748 then the fifth moves over the ſixth 21653748 then the firſt muſt follow it thus, 26, 15, 37, 48, here the two concords have made a *Change* and in this manner 15 muſt *Hunt* over 37, and 48, and ſo they are to *Change* throughout the *Peal*, or again by placing thirds, the ſecond and fourth muſt *Hunt* up, or 357 muſt *Hunt* down and then they will lie third's thus, 13572468, here are alſo four concords to be regarded, that is, 13, 57, 24, and 68, theſe may go any *Peal* moving after the ſame manner as is before ſhewn, by which great variety of excellent and Muſical *Changes* may be Rung, in Ringing which they will lie, ſometimes third's, ſometimes fifth's and ſometimes third's and fifth's, when they lie fifth's thus, 15263748, or third's and fifth's thus, 15372648: tis then moſt pleaſant and excellent Muſick, to clam them, that is the two notes of each concord to ſtrike together, and if they be clam'd true the eight *Bells* will ſtrike like four, but with far greater Muſick and Harmony they may clam two or three bouts and then open again, or clam one bout and ſtrike open the next, obſerving when they clam, that the four bigeſt notes of the concords muſt keep

the true compaſs and diſtance of four *Bells*, and the four ſmall notes of the concords muſt obſerve to *Pull*, ſo as to ſtrike exactly at the ſame time as the biggeſt, and when they open again, to open in the true and exact Compaſs of eight *Bells*, and then to reduce the *Bells* into their places, again *Hunt* 765 up or 234 down, and this will bring the *Bells* round and into their proper places again.

Bob Major Quadruples and Tripples.

IN this *Peal* all the *Bells* have a direct *Hunting* Courſe, till ſuch time as the *Treble* leads and then the *Bell* in ſecond's place lies ſtill, and the other ſix make a ſingle *Dodge*. By this Method, it will go 112, but by making of *Bobs* it will go 224, 336 or 672: at the *Bob* the *Bell* in fourth's place lies ſtill, and the other four *Dodge*.

12345678

21436587	57381624	42638175	15372846
24163857	53718264	46283715	*Bob*
42618375	35172846	64827351	13578264
46281735	31527486	68472531	31752846
64827153	13254768	86745213	37125486
68472513	13527486	87654123	73214563
86745231	31254768	78561432	72341658
87654321	32145678	75816342	27436185
78563412	23416587	57183624	24765813
75836142	24361857	51738264	42678351
			46287531

46287531	86541237	51836742	*&c.*
64825713	85614327	15387624	
68452173	58163472	15836742	

To Ring 224, every time the *Half Hunt Dodgeth* behind a *Bob* muſt then be made, the fourth may the *Half Hunt* and ſecond the quarter *Hunt*, or others at pleaſure.

To Ring 336 every time the *Half* and *Quarter Hunts Dodge* together behind, a Bob be muſt made.

To Ring 672 every time the *Half Hunt Dodges* behind a *Bob* muſt be made, except when the *Quarter Hunt Dodges* there with it, and then not.

Imperial Bob.

IN this *Peal* the *Treble* hath a *Dodging* Courſe, firſt before, then in third and fourth's place, then in fifth and ſixth places, and laſtly behind, the two firſt and two laſt *Bells*, always *Dodge* untill the *Treble* parts them, in the mean time, the two *Bells* that lie next to thoſe *Dodging* continue to lie ſtill one *Pull* and *Dodge* the next, and ſo by turns untill the *Treble* hinders them, the two *Bells* in fifth and ſixths places when *Treble* is behind, and alſo thoſe in third and fourth's places,

places, when it is before *Dodge* likewiſe till *Treble* hinders them; by this Method, it will go 224, and by making of *Bobs* it will go 448, 672 or 1344. The Method of making the *Bob*, is the ſame as in the former *Peal*.

12345678			
21436587		*Bob*	*Bob*
12346578	42368517	17864523	15684723
21435687	24638157	16573824	18753624
24136578	42561875	*Bob*	*Bob*
42315687	24368157	15678342	17856342
24135678	42631875	17352648	15372846
42316587	24613857	17536284	15738264
24361578	42168375	13274586	13254768
42635187	24618357	13725468	13527486
24631578	42163875	12438765	12436587
42365187	41268357	12347856	12345678
24635817	14623875	14826357	
42368571	41263857	14283675	
24365817	14628375	18645273	
42638571	14263857	18462537	
24365871	16847253	16587432	
42638517	16482735		
24635871	18765432		

To Ring 448 every time the *Half Hunt Dodges* behind, a *Bob* muſt then be made as in this here prick'd, where ſecond is the *Half Hunt*.

To Ring 672 every time the *Half* and *Quarter Hunts Dodge* together behind, a *Bob* muſt then be made.

To

To Ring 1344 every time the *Half Hunt Dodges* behind a *Bob* muſt then be made, except when the *Quarter Hunt Dodges* there with it and then not; the ſecond and fourth may be *Half* and *Quarter Hunts* or others at pleaſure.

London *Bob Royal*, *By J. D.*

IN this *Peal* the two *Bells* that the *Treble* leaves in ſeventh and eighth places, thoſe two *Bells Dodge* and continue *Dodging* till it comes up again and parts them, every *Bell* that meets the *Treble* under the ſixth place, goes no higher but lies a *Pull* in ſixth place and then moves down to lead (except at a *Bob* and then the *Bell* in ſixth place (when *Bob* is call'd) moves up and the *Bell* in ſeventh moves down) by the aforeſaid Method (without a *Bob*) it will go 112, but by making of *Bobs* it will go 224, 336 or 672.

The Courſe of Bob Royal.

12345678			
21436587	35867412	14328765	15237864
24163578	38576142	13482756	16847253
42615387	83751624	15762438	18674235
46251378	87315642	17526483	13254687
64523187	78136524	18436572	12345678
65432817	71863542	14863527	
56348271	17685324	12573846	
53684721	16758342		

To

To Ring 224 of this *Peal* every time the *Half* is in ſeconds place going up or in thirds place coming down, and the whole *Hunt* lead, a *Bob* muſt then be made according to the foregoing directions.

To Ring 336 of this *Peal* every time the *Half Hunt* is in third's place coming down, and the whole *Hunt* leads is warning for a *Bob*, to be made asaforeſaid.

To Ring 672 you muſt make uſe of a *Quarter Hunt*, and every time the *Half Hunt* is in ſecond's place going up or in third's place coming down and the *Quarter Hunt Dodging* behind, is warning for *Bob* to be made, the ſecond in either of theſe *Peals* may be made *Half Hunt*, and fourth the *Quarter Hunt*, or others at pleaſure.

There are a great Number of ſeveral *Peals* to be prickt upon eight *Bells*, but our deſign being not to ſtuff this Book with what is altogether unpractis'd, we ſhall therefore forbear to ſet down any farther examples, of what is not in the leaſt at this time, nor never was in Practice which will only waſt both Paper and time, and refer to *Changes* on nine *Bells*, for the benefit and advantage of thoſe Perſons, as have an Opportunity of Practiſing the ſame.

Of Quadruples, or Changes, *on* Nine BELLS.

Commonly call'd Cators.

THE ordinary Course of Ringing this *Peal* of *Quadruples* or *Cators* is the same as that of *Grandsier Tripples*, there being (besides the *Treble*) one *Bell* that is plain or second *Hunt* and hath the same Course in this *Peal* as in that, every *Bell* in this *Peal* hath a *Hunting* Course, till such time as the *Treble* leads, and then the *Bell* in third's place lies still, and the other six make a *Single Dodge* by this Method, it will go 126 and by making of *Bobs* it will go 181440, and then by making a *Tripple Change*, it will double the *Peal*, to 362880 being the compleat number of *Changes* on nine *Bells*.

This *Peal* of Cators is divided into several Parts or *Peals*, in which the chief thing to be observ'd is the Method of calling the *Bobs*, they being in this *Peal* (as well as *Tripples*) divided into Parts or Courses, as the length of each *Peal*, will admit, but that we may proceed gradually in this as all other *Peals*; we shall begin first with the Course of this *Peal*, and then proceed

to

to giv

12345

21354
23145
32416
34261
43628
46382
64839
68493
86947
89674
98765
97856
79581
75918
57192
51729

Th

Bob w

viz. a

Bells,

2, *Pull*

Th

is 324

be ma

Hunt,

or elſe

to give the neceſſary directions for others.

The Courſe of Grandſire Cators.

123456789			
213547698	152739486	791826543	869413257
231456789	125374968	719285634	896142375
324165879	215739486	172958364	981624735
342618597	251374968	127593846	918267453
436281957	523147698	217958364	192876543
463829175	532416789	271593846	129785634
648392715	354261879	725139486	182694735
684937251	345628197	752314968	128967453
869473521	436582917	573241698	162483957
896745312	463859271	537426189	126849375
987654132	648395721	354762819	142365879
978561423	684937512	345678291	124638597
795816243	869473152	436587921	132547698
759182634	896741325	463859712	123456789
571928364	987614235	648395172	
517293846	978162453	684931527	

The next thing is the manner of making a *Bob* which is the ſame in this *Peal* as in *Tripples*, *viz.* a *Double Dodge* made upon the ſix hindmoſt *Bells*, there being two *Bells* that lie each of them a *Pull* in third's place.

The firſt Part into which this *Peal* is divided is 324; to Ring which there are three *Bobs* to be made, that is one every ſixth leading of the *Hunt*, ſo that the laſt *Bob* brings the *Bells* round; or elſe firſt call the third into the plain Courſe,

then let it *Hunt* six leadings, then call the fourth into the plain Course, and let it *Hunt* six leadings, the next (being the third *Bob*) the second is call'd into the plain Course, which brings the *Bells* round as in the following *Peal*.

324 *Grandsire Cators.*

123456789			
152739486	*Bob*	138967254	194876532
125374648	143527698	163284957	149785623
172958364	134256789	136829475	184693725
127593846	153749286	*Bob*	148967352
192876543	135473968	124537698	164382957
129785634	173958462	142356789	146839275
182694735	137594826	154729386	*Bob*
128967453	193876524	145273968	132547698
162483957	139785642	174958263	123456789
126849375	183692745	147592836	

This *Peal* of 324 may likewise be Rung by making of a *Half Hunt* or observation *Bell* therein, and then call the first *Bob* when the *Half Hunt* is before the second *Bob*, call the *Half Hunt* into the plain Course at the distance of six leadings, the third and last *Bob* is at the same distance from the second, as the second was from the first, and this brings the *Bells* into their proper places again, and is to the same effect as the foregoing Method.

The

The next part of this *Peal* is 540, in which there is six *Bobs*. The observation *Bell* or *Half Hunt* in the *Peal* prefixt, is the fourth, which being call'd into the plain Course, it must be call'd out the fifth leading of the *Whole Hunt*, the third *Bob* must be five leadings distance from the second, by which the *Half Hunt* is call'd into the plain Course again; and this Method with six *Bobs* goes 540 *Changes*; but any *Bell* may be made *Half Hunt*, by observing to call it first into the *Hunt*, then out again at five leadings, according to the foregoing directions.

Cators 540.

Hunts 14.

123456789			
12739486	128967453	*Bob*	154629387
13374968	*Bob*	134527698	145263978
12958364	164328579	143256789	*Bob*
17593846	146235897	*Bob*	132547698
12876543	*Bob*	162348579	123456789
17785634	152649387	126435897	
12694735	125463978	*Bob*	

The next Part is 882 in which there is seven *Bobs*, and it is call'd according to the same

Method as 350 *Tripples*; *viz.* every time the *Whole Hunt* comes to take lead of the *Half Hunt* call *Bob*, and this Method with seven *Bobs* goes 882 as followes.

882 *Cators*,

Hunts 1 3.

Bob	*Bob*	*Bob*	*Bob*
135729486	139876543	136482957	13254769
153274968	193785624	163849275	12345678
Bob	*Bob*	*Bob*	
137958264	138694725	134265879	
173592846	183967452	143628597	

The next Part of this *Peal* is 1008, which is divided into seven Courses, of three *Bobs* a Course, to Ring which first call the *Half Hunt* of it of the plain Course, at the fourth leading of the *Whole Hunt*, the second *Bob* is at the distance of two leadings from the first, when the *Half Hunt* will be *Dodging* behind. The third, and last *Bob* of this Course, is at the distance of two leadings from the second, by which *Half Hunt* is call'd into the plain Course again, and finish the first Course of the *Peal*; the same Method must be observed to the end of the same.

1008 *Cators.*

Hunts 1 2.

Bob			
186423957	129587436	*Bob*	182476935
168249375	*Bob*	142693857	128749653
Bob	162385479	124968375	*Bob*
135769428	126834597	*Bob*	132547698
153674982	*Bob*	152769384	123456789
* *Bob*	172938546	125673948	
192854763	127395864	*Bob*	

Note, *The* Bob *where this mark* * *is placed is the last* Bob *of the first Course in this, and the following* Peals *and such* Bobs *as follow after such mark are only the last* Bobs *of the remaining Courses, contain'd in the foregoing and following* Peals.

This Peal of 1260 is likewise divided into even Courses of three *Bobs* in a Course, the Method whereof differs from that of 1008, only that the *Half Hunt* is not call'd out of the plain Course, till it hath *Hunted* six leadings, the other *Bobs* are by the same Method; and distance from each other in this *Peal* as in that, as by the following *Peal* will plainly appear.

1260 *Cators.*

Hunts 1 2.

Bob			
143527698	126948573	*Bob*	192758346
134256789	*Bob*	152643879	129573864
Bob	182934765	125863497	*Bob*
179836524	128397456	*Bob*	132547698
197385642	*Bob*	142876953	123456789
Bob	172369584	124789635	
162495837	127635948	*Bob*	

The next Part of this *Peal* is 1386 (being near the 260 Part of the Whole) in which there is seven Courses of two *Bobs* in a Course to Ring, which the *Half Hunt* (which in the following *Peal* is the second) must be call'd out of the *Hunt*, at six leadings. The next *Bob* is at the distance of five leadings, by which the *Half Hunt* is call'd into the plain Course again, which finishes the first Course; the same Method must be observed throughout the *Peal*.

1386

1386 *Caters.*

Hunts 1 2.

Bob			
143527698	182364957	172896534	142759386
134256789	128639475	127985643	124573968
* *Bob*	*Bob*	*Bob*	*Bob*
162435879	192683745	152978463	132547698
126348597	129867354	125794836	123456789
Bob	*Bob*	*Bob*	

The next part being 2772 and about the 130 part of the whole is divided into ſeven Courſes, of four *Bobs* in a Courſe, the Method to be obſerved in calling this *Peal* is this; the firſt *Bob*, the *Half Hunt* muſt *Dodge* in ſixth and ſeventh places, the ſecond *Bob* is at the diſtance of three leadings from the firſt, when the *Half Hunt* will *Dodge* in fourth and fifth's places with the *Bell* that was call'd out of the plain Courſe; the third *Bob* is at the diſtance of ſeven leadings, when the *Half Hunt* is call'd into the plain Courſe, the fourth *Bob* is at the diſtance of five leadings, the *Half* being then call'd out of the plain Courſe; and this finiſhes the firſt part or Courſe of this *Peal*; the ſame Method goes the remaining part of the ſame.

2772 *Cators.*

Hunts 1 4.

Bob			
135729486	*Bob* *	137425968	197348265
153274968	156842937	* *Bob*	179432856
Bob	165489273	125643879	*Bob*
186452937	*Bob*	152468397	132547698
168549273	189746352	*Bob*	123456789
Bob	198473625	168945723	
184263975	*Bob*	186497532	
148629357	173249586	*Bob*	

This *Peal* of 5670 being the 64th part of the whole, is divided into ſeven Courſes and ſeven *Bobs* in a Courſe, the firſt *Bob* the *Half Hunt Dodge* in ſixth and ſeventhſ place, the ſecond and third are both of them at the diſtance of ſeven leadings, at both which the *Half Hunt Dodges* behind the fourth, is at ſeven leadings from the third, when the *Half Hunt Dodges* as at the firſt *Bob*, the fifth is ſeven leadings further when it *Dodges* in fourth and fifth's place, the ſixth it is call'd into the plain Courſe, the ſeventh and laſt *Bob* is at the diſtance of three leadings from the ſixth, the *Half Hunt* being call'd out of the plain Courſe, and this finiſhes the firſt Courſe, the ſame muſt be ob-

observed again to the end of the *Peal* as follows.

5670 *Cators.*

Hunts 1 4.

Bob			
135729489	183967452	*Bob*	125749386
153274968	*Bob*	163245879	152473968
Bob	136482957	136428597	*Bob*
137958264	163849275	*Bob*	198643725
173592846	*Bob*	157948263	189467352
Bob	134265879	175492836	*Bob*
139876542	143628597	*Bob*	132547698
193785624	* *Bob*	186342957	123456789
Bob	179846532	168439275	
138694725	197485623	*Bob*	

The next Part into which this *Peal* is divided contains 11340 *Changes*, and is the two and thirtieth part of the whole in which there are ninety eight *Bobs*, these *Bobs* are divided into seven Parts or Courses containing fourteen *Bobs* in a Course, and the Method of calling them is thus, the two first *Bobs* the *Half Hunt* must *Dodge* behind the third *Bob*, in sixth and seventh place the fourth *Bob* in fourth and fifths places, the fifth *Bob* the *Half Hunt* is call'd into the plain Course; all which *Bobs* are at the distance of 7 leadings each from

from the other) then the *Half Hunt* must *Hunt* six leadings before it is call'd out of the plain Course, the next being the seventh *Bob* the *Half Hunt* is before at the distance of six leadings, from the sixth *Bob*, the eighth, ninth, tenth, eleventh, twelfth and thirteenth *Bobs* are all of them at the distance of seven leadings each, the half being before at all of them as at the seventh *Bob*, the fourteenth and last *Bob* of this Course, is a *Double Bob*, being the very next leading to the thirteenth, at which *Bob* the *Half Hunt* must *Dodg* in sixth and seventh's places, and this finishes the first Course of this *Peal*; and the same Method must be observed in every Course to the end of the same.

11340 *Cators.*

Hunts 1 6.

Bob	183967452	*Bob*	167953284
135729486	*Bob*	164285379	176592348
153274968	126482957	146823597	*Bob*
Bob	163849275	*Bob*	169378542
137958264	*Bob*	162547893	196735824
173592846	183462957	126458739	*Bob*
Bob	138649275	*Bob*	163894725
139876542	*Bob*	165729438	136987452
193785624	168432957	156274983	* *Bob*
Bob	186349275	*Bob*	184235679
138694725			

184235679	178394625	*Bob*	154276938
148326597	187936452	127958634	*bob*
Bob	*Bob*	172596843	132547698
193482657	159873642	*bob*	123456789
139846275	195786325	145729683	-
Bob			

This Peal of *Cators* is likewiſe divided into ſeveral other Parts, as the one ſixteenth Part containing 22680 *Changes*, alſo the one eighth part containing 45360 *Changes*, the one fourth part containing 90720 *Changes*, and the one half containing 181440 (the whole being 362880) any of which *Peals* being impoſſible ever to be Rung, we therefore thought it needleſs to trouble the Reader with what was impoſſible for him ever to Ring, for we may very reaſonably ſuppoſe that the laſt *Peal* of 11340 (which to Ring will require ten hours time) is more than any Perſon will ever adventure upon, it being impoſſible to Ring a *Bell* ſo long; ſo that we need not Doubt of being excuſed in omiting that only which would have been of no uſe.

Having now gone through (and laid down plain and eaſy Rules for Ringing) ſeveral moſt excellent and Muſical *Peals* for Mirth and Recreation, it may not be amiſs if (for the inſtruction of thoſe that are not acquainted therewith) we ſay ſomewhat in Brief of a Funeral or Dead *Peal*.

It

It being cuſtomary not only in this City of London, upon the Death of any Perſon that is a Member of any of the Honourable Societies of Ringers therein (but likewiſe in moſt Countries and Towns in *England*, not only upon the death of a Ringer, but likewiſe of any young Man or Woman) at the Funeral of every ſuch Perſon to Ring a *Peal*; which *Peal* ought to be different from thoſe for Mirth, and recreation (as the Muſick at the Funeral of any Maſter of Muſick, or the Ceremony at the Funeral of any Perſon belonging to Military Diſcipline) and may be perform'd two different ways; the one is by Ringing the *Bells* round at a ſet *Pull*, thereby keeping them up ſo as to delay their ſtriking, that there may be the diſtance of three notes at leaſt (according to the true compaſs of Ringing upon other occaſions) between *Bell* and *Bell*, and having gone round one *Whole Pull* every *Bell* (except the tenor) to ſet and ſtand; whilſt the tenor Rings one *Pull* in the ſame compaſs as before, and this is to be done whilſt the Perſon deceaſed is bringing to the ground, and after he is interr'd to Ring a ſhort *Peal* of round Ringing, or *Changes* in true time and compaſs and ſo conclude; —— the other way is call'd buffeting the *Bells*, that is by tying pieces of leather, old hat or any other thing, that is pretty thick round the Ball of the

Clapper

Clapper of each *Bell*, and [illegible] them as before is shewn, they [illegible] full and Mournfull Sound, [illegible] short *Peat*; [illegible] Clappers being [illegible] way of Buffering is most Practis'd in this City of *London*.

FINIS.

1 This rises and Falls above a Foot Perpendicularly in an open Tube without a Cistern of mercury at the bottom of it

2 This moves 30 Inches for Fair & Foul weather & hath on the right hand a Thermometer, Shewing 90 degrees between the greatest Heat & Cold and a large Looking-glass in the middle.

3 The Mercurial & Marine Barometer & Thermometer are for Sea, all fitted in one Frame.

ADVERTISEMENT.

A New Improvement of the Quicksilver BAROMETER.

THere is lately Invented and Fitted for Sale, *a curious Pendent BAROMETER*, wherein the *Quicksilver* riſes and falls (perpendicularly) above Twelve Inches inſtead of Three in the common ones.

It diſcovers the moſt minute and ſmalleſt Alterations in the AIR; its tendences being plainly ſeen while obſerving.

It foretels the Changes of the WEATHER, much ſooner and more certainly than any Common Barometer; and this in an open Tube (without a Ciſtern of Quickſilver at the bottom) ſhewing the Expanſion and Contraction of the Column of Mercury near Three Inches, (and this in the Equalleſt Tube I have yet met with) as well as riſe and fall above a Foot.

The Invention has been Examined, Approved, and Applauded, by ſeveral Perſons of Quality of the *Royal Society*, who thought it highly to Deſerve the Encouragement of the Curious.

HE has alſo made an Excellent *Diagonal Barometer*, wherein the Mercury moves in an Oblique Tube for the ſpace of 30 Inches, inſtead of 3 in the common one; and is ſo nice as to divide an Inch into 100 parts. For the ſame purpoſes as the former.

It has a *Thermometer* on the ſame Frame, ſhewing 90 degrees of Variation between the greateſt Heat to the greateſt Cold.

And

And a *Looking-Glaſs* commodiouſly plac'd on the ſame Frame between the Barometer and Thermometer, whereby *Gentlemen* and *Ladies* at the ſame time they Dreſs, may accommodate their Habit to the Weather.

An Invention not only very Curious, but no leſs Profitable than Pleaſant.

THE ſame Artiſt has made very compleatly, in one Frame, a *Mercurial* and *a Marine* BAROMETER, fitted for SEA, compounded of two *Thermometers*, by Dr. *Hooke*; which performs the ſame by Sea, as the Mercurial one doth at Land; being ſo ordered that the motion of the Ship doth not make it Vibrate, as it doth the Mercurial one.

The Scale of this *Barometer* may be enlarged to a Foot or more, if required. The Uſe hereof is to foreſee STORMS at Sea, and their Abatement; and for that purpoſe were found of very great Advantage by Capt. *Halley*, in his late Southern Voyage. ——Theſe Three prove the Verity of each other. *All theſe are ſo contrived that they may be ſafely ſent to any Place compleatly fixed* —— Printed Inſtructions will be given with every Glaſs, that will fully Explain their Uſes to the meaneſt Capacity.

Theſe and all other ſorts of Portable Barometers *and* Thermometers, *are Made and Sold in* Ship-Court *in the* Old Baily *near* Ludgate *by* JOHN PATRICK. And ſold by *John Marſhall* at the *Archimedes* and *Golden Spectacles* in *Ludgate Street*. And at moſt Eminent Watchmakers in *London*.